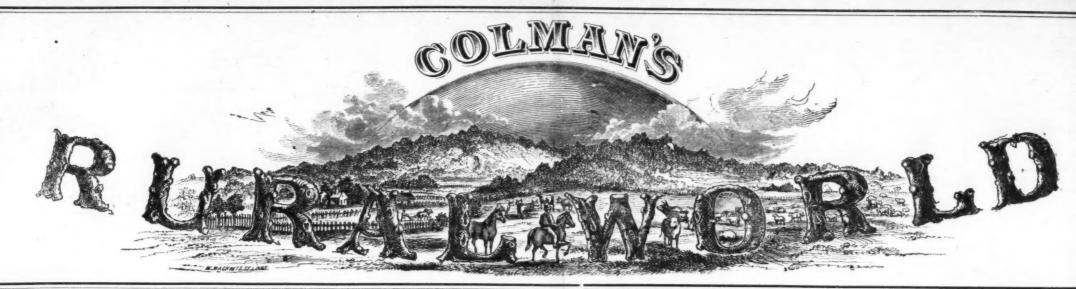
EDS

H STREET.



Established 1848.

### ST. LOUIS, THURSDAY, JULY 3, 1884.

No. 27, Vol. XXXVII.

## Sorgo Department.

## ADMINISTRATION OF THE PROPERTY AND ADMINISTRATIO

pay, but accepted the service. That is one reason why we can undersell Mr. Root.

But selling machines helps him sell bisulphite, thus he is financially interested is Root's argument. The reverse is true, and Mr. Root could see it if he had perception enough to see through a ladder.

The Price of Sugar.

The St. Louis Republican says the low price of sugar that prevails at the present time, and which is so discouraging to Louisiana planters, is not the result of a likely sugar that the sum of the su

1883 was 53 7-8c per gallon, against 66-1-2c in 1882, and 52c in 1881. Of Porto Rico molasses the average price was 34.58c in 1883;48 1-2c in 1882 and 43 3-4c

### Agricultural.

_	10	-	4	10	24	-		10		4 (			110	m	Station No.	1
	otton-seed Meal		•			lover Hay	WATER FREE.	Cotton-seed Meal	Malt Sprouts	Hover Hay	_	Clover Hay	Clover Hay	SAMPLES AS TAKEN.		
-	::	-						7.59	11.97	16 34	15.41	16.41	16.18	Per Cent	Wa- ter.	
*	7.01	106	4 97	4.58	4.96	5.11		6.42					4.29	Per	Ash.	
. "	47.61							44.00			-		11.31	Per	Pro. tein.	
-	3.00						1				_		27.12	Cent	Crude	
-	27.88	_						25	50	39	40	39.49	39	Per	N.free Ex. sract.	
	-				1.76	_	-						1.57	Cent	Pat.	-

and 4, and their close agreement attests difference what unit of weight is adopt-the accuracy of the sampling. ed. We have, therefore, not undertaken in this case a laborious recalculation of the weights which would not alter the final results in the least; 51.7 per cent. of the dry matter of the hay would still be digestible, whether the weight of the hay

## The Shepherd.

Officers of the Missouri Wool Grawers Association.

President—H. V. Pugsley, Plattsburg, Mo.

Vice-President-G. H. Wallace, Howard

BREEDERS' ASSOCIATION.

President, Samuel Jewett, Independence;
Vice President, R. T McCully, Lees Summit; Plattsburg; Directors, Harry McCullough, Fayette; Philo D. Jewett, Independence, and L. L. Seiler, Osborne; Committee on Pedigrees, J. V. McCully, Sam Jewett and Harry McCullough.

### Mutton Sheep.

A friend sends us the following, and suggests its publication in the RURAL WORLD. We comply, but in doing so beg to suggest that we have yet to find the peer of the hardy mountain sheep either of Scotland or of Wales in the United States. To make of mutton a decidedly nopular meat, great changes United States. To make of mutton a decidedly popular meat, great changes have to be made in our methods of crossing, feeding, and handling. In St. Louis we pay from ten to fifteen cent between at these prices can hardly find meat worth the eating. It is thin, the twen at these prices can hardly find meat worth the eating. It is thin, the comparatively tasteless, anything indeed but they lustions food found there are no thoroughped Merino sheep. thing indeed but the' luscious food found in the European markets. This may arise from its handling after leaving the farm or range, and one can well imagine this to be true, for they are first driven to the railroad, then huddled into the cars and carried in a worrying condition to the stock yards, then hurried, worried and driven to the pages sold. worried, and driven to the pens, sold, and driven in the same way to the slaughter house. There they are as hurriedly slaughtered and converted into mutton, the mutton we get at the high prices mentioned, put into the oven or that most infernal of all implements of cookery, the frying pan, and served up, when it is found an abominable piece of un-masticateable, indigestible, savorless morsel, unfit for human food or, indeed, for anything else.

the homes of the American people is ters.

finest mutton in the world. Australians

intains. A rugged pasture is to the development of large, fat carcasses, while its fine, sweet herbage

not well be produced on richer lands. The perfect health of highland sheep has not a little to do with the quality of

makes the choicest of meat, such as car

Again, what doe it signify what the same ping sheep sky, go and proves and a laye been at present of the work of t

Don't allow scabs or ticks to annoy your sheep; rise above all such lazy, slovenly ways and practices as unworthy of a sheepman. Learn all there is to be learned about your business in every department. Become familiar with every detail of your business. No sheepmen need the intelligence that the American shepherds need; and at no time has this been needed as just now. I do not like to admit that we, as sheepmen, are behind any other class of stockmen. I will not allow anybody to accuse us of stupidity or ignorance—not a bit of it; but, now, just among ourselves, I do

even hand in the care and management of our sheep. If wool is lower in price, it will not remain so. If mutton is lower than other meat, it will go higher after awhile. The ups and downs in sheep have been the rule in the past, not necessarily so, but for lack of intelligence and courage among sheepmen. But the extremes have followed each other with precision, and sheepmen that stayed by their business have always made by it. It is a little difficult to be very enthusiastic in sheep when there is little profit when there is little profit into the flock and killed 31 more, making a loss of 77 sheep. Of course Mr. Parish will get pay for the 46 killed by thee cars, but as to pay for the 31 killed by dogs will probably be uncertain. Dogs, as a general thing, are worthless property, and any inclination noticed in the way of dogs loafing around sheep pastures and running sheep should result in the killing of the dogs and not the sheep.— Kirksville Missouri Democrat. Vice-President—G. H. Wallace, Howard county, Mo.

Treasurer—N. H. Gentry, Sedalia, Mo.
Secretary—L. L. Seller, Osborn, Mo.

OFFICERS OF THE MISSOURI MERINO SHEEP BREEDERS' ASSOCIATION.

President, Samuel Jewett, Independence; thick was not president, Samuel Jewett, Independence; this away read a pride and emulation. things we need a pride and emulation beyond the price of money. We need to talk of sheep, and study sheep and sheep matters, as a life-time business, rather than that of a year or two as an experi- bad order? and as the territory embraced ment. Western flock-masters are full of by this association is a territory of unenterprise. It would sheep entertain an Eastern sheep raiser to be among give the several conditions which make

Growers held some time since, Mr. E. Beach made reference to his own flock in the following terms:

there are no thoroughbred Merino sheep there are no thoroughbred merino sneep that will stand the treatment given to common sheep upon the range. It has been claimed that the French sheep are not hardy. It is possible that this might have been true of those first imported; Mr. Bingham assures me just the con mr. Bingnam assures me just the contrary, however, and says that they were hardy. But this is certain, that after passing through several generations in California and Montana they are a powerful and tough Merino sheep.

Most of my ewes at maturity have averaged in this time achieving of

deed, for anything else.

Well might the writer of the paragraph open with the words "skilled English housewives," but even they could make to the rame the rest of the year, shearing our butchers and drovers.

Mutton on the farm or ranch is good, and if properly cooked, tasteful and desirable but so now handled and sent to record with a continuous control of the c sirable, but as now handled and sent to range during our long and tedious win-the homes of the American people is ters. The rams in service are sure, and the homes of the American people is simply detestable.

"Skilled English housewives choose twenty-five cent Welsh mutton, says a correspondent of our Country Home, in preference to the eighteen cent mutton of large, fat carcasses, owing to the greater economy of using the small, compact carcasses of the solid little Welsh sheep, and their superior quality. An enthusiastic owner of 100,000 sheep in California, says the Saxony Merinos, the smallest of all Merinos, make the fluest mutton in the world. Australians of constitution, I would like to call atin any way. In regard to the question of constitution, I would like to call at-

declare that the Merino makes better mutton, with them, than the larger mutton, with them, than the larger English races. The finest mutton we ever tasted was from the small, compact, hardy mountain sheep of Scotland. This mutton brings the highest price in London markets. And well it may, for that that delicate flavor that savors of and mountain air. The reason probably that small size, companiments of a life on hills nations. A ragged pasture is unseed to the development of large, fat menced importing French Merinos in ping, which usually takes with them two stripped by private ones in size of carcass and weight of fleece, and now there are a very few choice flocks in France which are said to average 14 pounds of unwashed wool to the fleece in ewes, and from 20 to 24 pounds in rams, the ewes weighing 150 pounds and the rams 200 pounds. Again he says: "The late Mr. Tainter of Hartford, Connecticut, commenced importing French Merinos in 1846, and continued it through several succeeding years. He selected mostly from private flocks, like those of M. Cughnot and M. Gilbert, which had been bred much larger and heavier fleeced than the royal one." Whatever might be true, then, of the royal or Rambouil-

stupidity or ignorance—not a bit of it; but, now, just among ourselves, I do wish we had a little more snap and push in us as a whole. A few are fully up ahead, but there are too many who just among and sheep and wool matters.

When we become alive to our interest we shall secure a permanence and security in prices of wool and mutton, the lack of which greatly hinders the best efforts being put forth by the great mass of sheep raisers.

Let us try to avoid the disasters, pander and folio of the past by holding an all their sheep raisers.

The proper care of.

Sheep Killed.

Sheep Killed.

H. H. Parish was on our streets Saturated and farmer of a general; and which is the best? To my reasoning that which returns the most in money or its value to the producer? As a general rule it is not the breeder of pure bred sheep, but it is those men who shall secure a permanence and security in general; and which is the best? To my reasoning that which returns the most in money or its value to the producer? As a general rule it is not the breeder of pure bred sheep, but it is those men who shall secure a permanence and security in general; and which is the country in general; and which is

Effects of Bad Order and Burrs in Selling Wool.

BY W. E. GOWDY.

In discussing the above subject, the irst question naturally arises, What con-titutes the condition known and termed and order? and as the territory embraced vashed wool, almost exclusively, we will hem.

French Merinos in Montana
In an address to the Montana Wool
In a address

Secondly.—Another cause of bad order is injudicious feeding; first, of too little feed, making a wool of stunted or stubby growth, weak or broken and a frouzy staple, and while the amateur manufacturary or dealor may cometings buy it on turer or dealer may sometimes buy it on account of its light shrinkage, the pracaccount of its light shrinkage, the cause tical manufacturer will reject it because of its after shrinkage in all of the stages and spinning, and of carding, weaving and spinning, and make after all an undesirable piece of goods or yarn. I have found by experi-ment in this direction, a difference in the card shrinkage alone of fifty per cent

card shrinkage alone of firty per cent. Secondly, of using too much feed, making not so good wool as grease or yolk, and throwing the wool from a choice to an ordinary or heavy conditioned article. Thirdly.—By taking the fleece off carelessly and putting it all up in a mass with a portion of the outside out, thus giving the fleece of the outside out, thus giving the fleece an undesirable mottled instead of a bright

and beautiful appearance, which a well-bred, well-fed and carefully handled fleece will present. Fourthly.—Tags, dunglocks and balls, particles, straws, sticks, and any foreign matter adhering to and put up with the Fifthly.-Hay-seeds and chaff, also

are a source and a bad one of bad order, and this condition should probably be more appropriate under the head of burrs. The effects of this bad order are first, a

reduction in price of from three to five cents per pound, and in some cases of from three to eight cents, and generally dissatisfaction to the owner and very often of genuine disgust to the manufac-

turer and purchaser.

Burrs of Missouri consist first, of the cockle burr, which can generally be taken out of fleece by head by the owner of the wool or sheep before shearing, but they can also be taken out by the burr-ing machine and while they are perhaps one of the easiest to get out, yet they often pass through and are not only a source of annovance to the manuonly a source of annoyance to the manufacturer, but damage to the machinery and the goods. Second, the dock or burdock burr, is one of the worst, for when it is fully ripe the spires and seed get scattered through the fleece, and the only way to get rid of them is by clipping, which usually takes with them two or three times their weight in wool or by

and American improvement. The lame, learn the cause, and if too lame to keep up with the flock, separate it, and see that it has plenty of feed and water.

Make it a strictly business matter to secure the personal comfort of your sheep every hour of the 365 days in the year. If miserable from any cause whatsoever, one day or one hour, you lose that much time in growth of wool as well as of carcass. If you ever feel suspicious of harm or misfortune to your sheep at night, or even day-time, go and see about them. If a dog is worrying them, or if one is in trouble, you are as liable as not to have a premonition, and might save money by going to see. It will cost but little, and we have wished many a time we had gone ourselves. Nor are we superstations in these things, we think. See your sheep come into the yard at night, and be very sure to see them go out in the morning. You can see by their general appearance whether they are doing well or not. A sheep's skin tells how it is doing, definitely and invariably. That rich, pinky heo of a sheep's skin is the most delicate test of health. It will be the very first symptom of falling health and condition to the careful shepherd. To the carefus sheppend, but a time is a not wish to mislead anyone in regard to his work of a sheep's skin is the most delicate test of health. It will be the very first symptom of falling health and condition to the careful shepherd. To the careless, shiftless man it is unnoticed until the dangers are upon him and remedies are unavailing.

Don't allow scabs or ticks to annoy your sheep; rise above all such lazy, slovenly ways and practices as unworthy of a sheepman. Learn all these to the second of more the french Merino of the down sheep and the south-of the down sheet and the final much the south-own is one of the hardiest of the mid. Clay, I suggested, and that its mutton is of a superior quality which demonds the thing has an any over of the spain. In 1786 the first Merino or the devision and years subject to much more the tory one there fordshire and Shropshire, which Mr. Clay disdainfully calls "mixed breeds." Before commenting any more on the above assertions of Mr. Clay, I will state above assertions of Mr. Clay, I will state above assertions of Mr. Clay, I will state and we also a herd of high grade and whave also a herd of high grade and whave also a herd of high grade and whave also a herd of high grade shall be my duty to do justice to both breeds in comparing their qualities and defects; will also state that I shall not indulge in personal warfare in any instance and whoever should attempt it against me will find deaf ears. I believe in the friendly competition of all breeders, and blame no one whenever he extols the qualities and virtues of his favorite breed as long as he keeps within in the bounds of truth and justice. The above has particular reference to obscure writers, who think it is their privilege to attack any one behind anonymous names. After this digression of the subject what does Mr. Clay mean by this, "a good thing for the people?" According to my knowledge and reason, he means for the country in general; and which is the best? To my reasoning that which returns the most in money or its value to the producer. Who is the producer? As a general rule it is not the breeder of pure bred sheep, but it is those men who supply our markets with mutton and wool, the average sheep farmers of the Western, Middle and Southern States and the body light gray, back dark gray, neck darker gray, wings and the body light gray, back dark gray, neck darker gray, wings and the body light gray, back dark gray, neck darker gray, wings and the body light gray, back dark gray, neck darker gray, wings and the body light gray. The part of the lower and the body light gray, back dark gray, neck darker gray, in the lower and the body light gray, bac

their common or grade Merino stock.— Hy. C. Eckert, in Sheep-Breeder and Hy. C. Ecker Wool-Grower.

An experienced sheep-breeder says that the best ration he has ever known to that the best ration he has ever known to be fed to fattening sheep was composed of equal parts, by weight, of oats, peas and millet; to fifteen bushels of the mixture was added one bushel of flaxseed, and all were ground fine together. Each sheep was fed two pounds of this ground mixture with hay, and made a regular gain of three pounds each week, beside growing an unusually sine staple of wool growing an unusually fine staple of wool. This small amount of flaxseed is peculiarly soothing to the digestive organs, It is a perfect preventive of all diseases caused by dry fodder.

## Che Poultry Pard.

In a day or two feed hard boiled eggs with bread crumbs, and afterward scraps from the table, with bread made of coarse flour and johnnycake. I have found the extra trouble of baking bread and corn cake pays well in the good skart it gives the young birds. The old adage, "Well begun is half done," is true in poutrry raising as in much other business. The bread is made with yeast to sponge, to which some "drippings" or "shortening," of beef or pork is added, to make it tender and more nutritious. The ornor bread is made with uttermilk as a sin old-fashioned johnnycake. About eight teacups of Indian meal, one cup of "shortening," half a teaspoon of salt, two teaspoons (or enough to make sevent) of saleratus, buttermilk sufficient to make a batter easily poured into the dripper. Bake half an hour in a good oven. Never forget the "little salt" in preparing food for young poultry. It assists the growth of the feathers, and helps ward off the gapes. If buttermilk cannot be obtained, we tup with milk or water, and use baking powder instead of saleratus. Sometimes, for a change, make a shortcake of coarse flour, I do not intend to intimate that fine flour will will water, and use baking powder instead of saleratus. Sometimes, for a change, make a shortcake of coarse flour, I do not intend to intimate that fine flour will will water, and use baking powder instead of saleratus. Sometimes, for a change, make a shortcake of coarse flour, I do not intend to intimate that fine flour will have any to be compared to the saleratus of the saleratus start it gives the young birds. The old adage, "Well begun is half done," is have no room, make room. I am

for a trifle. They should be used only he should give them up. Know when fresh killed. Wash and cut each lung in three or four pieces, and put over him a mild lesson I drew him the fire in cold water, and boil until very following conversation, which tender. Season with a little salt and cayenne or black pepper. The meat will chop easy and may be kept several days in a cool place. To the water in which it was boiled add sufficient meal to make a hasty pudding and cook for half an hour. Boiled or scalded wheat or cracked corn may be added in small quantities to their food after the ducklings are two weeks old, and in four or five weeks they will be strong enough to eat almost anything.

They should be fed three times a day, and even oftener for the first week, unless some food can be left for them to pick when hungry. Give them always

pick when hungry. Give them always and all the time all they will eat, if you wish to see them grow fast.

For a few days they should not be exposed to the sun, if it is at all hot, as they are easily sunstruck. Neither should they be allowed to go in the west.

We have no variety of geese that equal the Toulouse in size and weight. The Embden, in many cases, attains nearly the same weight, but to take the average flocks of Toulouse, either as stock birds, fattened for market, or exhibition purposes, they are the largest and heavi-est of all.

est of all.

The Toulouse is among the Anser species—what the Brahma is among gallinaceous fowls. Domestication, selection, proper care and feeding have brought about greater development in size and weight, with marked improvement in other points which make all our thoroughbred fowls more valuable to the fancier and market poulterer.

The Toulouse is distinguished from the company gray goose by its greater.

chipmunks, gop

## Che Apiary.

How to Make Bee-Keeping Pay.

The question "Does bee-keeping pay has been discussed pro and con by who have met with success or failure.

who have met with success or failure. Instead of discussing any such subject as this, I propose to have a little talk with the reader on the subject of my heading, assuming for a premise that bee-keeping can be made to pay, and to pay well.

About the first thing to do, if you have not already done so, is to start an apiary account book. Keep a sharp look out for the debit side of the account book, and not let it get the best of you. See that nothing is entered upon it that is not necessary for the apiary. A mistake which is too frequently made, and one which makes a big hole in the profits, is to keep changing hives and to buy every PAIN KILLE Colic, Cramps, Spasms, Heartburn, Diarrhoea, Dysentery, Flux, Dyspepsia, Sick Headache.

keeper, and was not a successful bee-keeper, and was not surprised when he began to grumble, saying that he could not make his bees pay, and he guessed he should give them up. Knowing what the trouble was, and wishing to teach the fire in cold water, and boil until very following conversation, which is vertender. Season with a little salt and batim as near as I can recollect:

other thing I wish to speak of, and that is, neatness. Be neat in every thing you do in and about the apiary. Keep your boxes clean, and your tools in Keep your honey houses in order at all

Keep your honey houses in order at all times. In this way you will soon acquire a habit of neatness, which will find its reward in the extra price and ready sale, which the neat appearance of your honey will ensure. I always judge something of a man and his apiary by the appearance of his honey in market. The consumer appreciates a clean white nackage sumer appreciates a clean white package sunier appreciates a clean white package of honey, and I have known buyers to accept such packages in preference to all others, even though the honey was not quite so nice.

The bee-keeper gets his sections from the dealer white and clean, and he can keep them so, if he will, until they are placed on the grocer's course.

One thing more.

If you wish to be a successful beekeeper, read the journals carefully and faithfully. Do not think it is economy to deny yourself the bee-journals, but be liberal in your patronage of them, and they will be liberal in the good they will do you.

Warning Symptoms.

Don't neglect these. If you have symptom of Consumption, Catarrh, Bronchitis, Neural gia, or the indications of any other diseas which may keep its hold upon you until it be comes chronic, do not neglect the warning in pounds per pair. They are hardy, easily kept within an inclosure, are good layers, and their flesh is tender and well flavored. They are quite rare in this country yet, and are seldom seen outside the fancier and amateur's yards. They command high prices where their valuable qualities are known, and the young birds of good strains, in the fall frequently sell for twenty-five dollars.—American Poultry Journal.

\*\*Don't Die in the House.\*\*

"Rough on Rats" clears out rats, mice, oaches, bed-bugs, flies, ants, moles, hipmunks, goplers, 15c.\*\*

\*\*Bugh on Rats" clears out rats, mice, hipmunks, goplers, 15c.\*\*

\*\*Bugh on Rats out rats, mice, oaches, bed-bugs, flies, ants, moles, hipmunks, goplers, 15c.\*\*

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\*\*Bugh on Rats out rats, mice, oaches, bed-bugs, flies, ants, moles, hipmunks, goplers, 15c.\*\*

\*\*Bugh on Rats out rats, mice, oaches, bed-bugs, flies, ants, moles, hipmunks, goplers, 15c.\*\*

\*\*Bugh out the may keep tis hold upon out the the comes chronic, do not neglect the warning in dications. Meet the enemy upon the very threshold, and while your vitality is yet unimpaired. If your regular physical fulls to reach the case, then we advise you try that is to reach the case, then we advise you try the new vitality is yet unimpaired. If your regular physical fulls to reach the case, then we advise you to try the new vitality is yet unimpaired. If your regular physical fulls to reach the case, then we advise you to try the new vitality is yet unimpaired. If your regular physical fulls to reach the case, then we advise you to try the new vitality is yet unimpaired. If your regular physical fulls to reach the case, then we advise you try the new vitality is returned. It you write the may keep to try the new vitality is returned. It you write the dark is to reach the case, then we advise you try the new vitality is returned. It you

## PAIN

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It was the First and is the only Permanent Pain Reliever.

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There is nothing equal to it for curing

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Prevails, there is no remedy held in greater esteem. Persons traveling should keep it

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PILL IN THE WERLD.

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BOWELS CONSTINATED.

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MINNEAPOLIS HARVESTER WORK

Re-invigorates the System, I VENTS and CURES Chills, Fe Dyspepsia, Summer, Female, Liver Disorders. Recommende best physicians.

Pain is supposed to be the lot of us po nortals, as inevitable as death, and liable my time to come upon us. Therefore it important that remedial agents should be tand to be used in an emergency, when vire made to feel the excruciating agonies with my the downwaster influence of disease

The Care of Young Dncks.

Young ducks require much the same care as chickens, but are more tender. In a day or two feed hard boiled eggs

which makes a big note in the profits, is to keep changing hives and to buy every new box and surplus arrangement, until hardly any two frames in the apiary are alike. One secret of success is uniformity of everything used in bee culture, but especially everything used on the hives for surplus honey.

If you are situated so you can make

If you are situated so you can make your own hives, or at least get them in the flat and put them together, thus saving freight charges and much of the cost. You can do this during winter months, and get your hives all fixed ready for the swamping lesson, without missing the swarming season without missing the time. Do not make the excuse that you

placed on the grocer's counter.

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Beautiful Place for Orchard or Vinyard

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TOUNG MEN who are suffering a weak new man weak new men with the man weak new men we will be made to the men weak new men we will be made to the men will be men will be made to the men will be men will

MENT, nothing gives quicker ease in Burus, Cuts, Bruises, Sprains, Stings from Insects, and Scalds. Those suffering from Rheumatism, Gout or Neuralgia, if not a positive cure, they find the PAIN-KILLER gives them relief when no other remedy will. In sections of the country where nal Weakness), among others showing some of the fo toms: Nervous and Physical Debility, Impotene capacity), Loat Manhood, Abusseof the System, E statisty, Confusion of Ideas, Buil and Loas of Bril Eye, Aversion to Society, Despondency, Pimples of Loas of Knergy, and Frequency of Urinating, thefirst stage, but remember you are last approaching **GENERAL PURCHASING AGENT** Grain, Wool, Hides, Furs,

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## IRON DOCTOR WHITTIER

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### Horticultural.

[Judge Samuel Miller, Bluftton, Mo. will assist in conducting the Horticultural Department in this journal. Any inquiries addressed to him willoe promptly answered through the BUBAL WORLD.]

### The New Orleans Exposition.

While in attendance on the Nurserymen's Convention in Chicago last week,
we met several parties who are connected with the New Orleans World's Fair,
which opens in December next, and were
surprised and pleased to learn of the
progress already made by its managers.
The exposition is to be held in the city
park, a beautiful piece of ground of about
two hundred and fifty acres, which is
readily accessible by street cars, boats
and steam cars, from any part of the readily accessible by street cars, boats and steam cars, from any part of the city. In the early days of New Orleans, these grounds were planted abundantly with live oaks, pecans and other trees, which have now reached magnificent proportions, and make some of the finest avenues to be found in America. For the exposition, large additions of northern evergreen and decidnous trees, will be made, which, together with the introduction of a few artificial lakes and large areas for the display of flowering plants, will make the grounds themselves an attractive feature of the exposition.

The buildings will be the largest ever erected for any World's Fair, and are

The buildings will be the largest ever erected for any World's Fair, and are now well under way. The main building, which is to contain machinery, manufactured articles, etc., covers thirty-three acres, while the main building of the centennial exposition in Philadelphia, covered only twenty-one acres. The Government and State buildings will cover acres while those at The Government and State buildings will cover eighteen acres, while those at Philadelphia were only about nine acres. The agricultural department will also have a very large building, but we are unable to state its exact size. This department has been placed in the hands of Geo. B. Loring, of Washington, as chief, and Geo. G. Johnson, of Kansas. as superintendent. Of course, the work of organization, as well as the carrying out of details, will fall upon Mr. Johnson, and it could not have been placed in better hands. With his experience as President of the Kansas State Fair, his extensive personal acquaintance among extensive personal acquaintance among stock and dairy men, and above all, his great ability as an organizer and executive officer, we predict a grand success for the agricultural portion of the exposition.

New Orleans is so pre-eminently a

the will occupy a prominent place in the exposition. Parker Earle, our well known correspondent, and the president of the Mississippi Valley Horticultural Society, has been made chief of the De-partment, and his uniform success in managing similar enterprises has given confidence to horticulturists all over the conndence to normalizations an over the world. He has been so fortunate as to secure such men as Tracey of Missouri, Ragan of Indiana, Garfield of Michigan, and Berckmans of Georgia, for his assistants, and from what has already been tants, and from what has already loeen accomplished we believe that this is destined to be the largest horticultural exposition ever held. The building which is to be used for fruits and flowers is six hundred feet in length, with an extreme width of one hunered and ninety-four feet, and it now seems probable that additional room will have to be provided for special exhibits. In the building, space has been arranged for the exhibition of twenty-five thousand plates of fruit and forty thousand square feet thave been assigned to the plant exhibits. In the beautiful grounds adjoining this building will be several smaller conservatories for special exhibits, and room is provided for tree and plant exhibits in the open ground, of which there will be an unusually large number. The Government of Mexico has asked for five acres upon which to show Mexican plants and gardening. accomplished we believe that this is deswhite the continue of the cont

other offered in the market, having kept and was in condition to reship after its arrival here. However, the prices did not suit, and more remunerative markets were found where it is still going. The grower ships as far west as Denver, north to St. Paul, and St. Louis is made the eastern terminus. Each year the or-hard has been enlarged, the hest varichard has been enlarged, the best varieties, from earliest to latest, being planted until it stands unrivaled in the West in extent and value. The columns of the RURAL are open to Mr. W. P. Bradley, Colbert of I. T., for a talk with his fellow labores in the States. low laborers in the States.

### Raspberries in 1884-Red Ones.

First ripe, June 11th, Scarlet Gem, bearing a fine crop of large, handsome, excellent berries. Crimson Beauty and excellent berries. Crimson Beauty and Staymans No. 2, five days later and bearing a good crop; Crimson Beauty is perhaps the most valuable of the three, but there is very little difference, all are valuable, particularly as they bear nearly all summer. Last season I thought it might be accident, but they are showing the same thing this season. June 19th I picked the first ripe Hansel; this is also an excellent berry, and only a few days behind the earliest. Turner is turning red and will be ripening some berries in a few days. And Lost Rubies are bowing their heads to me with the berries in a few days. And Lost Rubies are bowing their heads to me with the central berry ripe here and there; the largest of all now ripe, and of excellent flavor. Thwack and Colossal quite green yet. All these passed through the decrease witter and are bearing a green severe winter and are bearing a good

Centennial first ripe June 16th, Sau-hegan and Burns a few days later. These are all three valuable varieties. Cen-

WHITE ONES. Moody, very productive, good flavor, good size for a cap berry, and worth having.

COL. COLMAN: In your issue of the Col. Colman: In your issue of the 19th inst., you ask for our views on the above subject, and in introducing myself, will say that I only speak for Southwest Missouri. I am much interested in the matter. I have upward of 60 acres in Standard orchard, on Sandstone Prairie. Have fifteen years experience in

Mr. C. Patterson, in the RURAL WORLD, a few weeks ago, gave us some very correct ideas on the apple orchard, though for Southwest Missouri, I beg leave to differ with him on high trunks, pruning to cover up the trunk from the sun, and a thin set of limbs. I want mine branched 3 or 3 1-2 feet from ground. Lean a little to 2 o'clock sun. Points of all limbs and leader cut back at planting. from three to ten inches in planting, from three to ten inches in length, and I crop back every spring until I get a full supply of lateral limbs for my tree top, well distributed all around. Then I commence to thin out the surplus branches, training one for a leader where I can do a said grouping the points of I can do so, and cropping the points of those that are taking more than their share of sap, always cropping shortest on north to throw more sap on the south, in order to shelter the body and keep it

Apple orchards here, in Southwest Missouri, must be cultivated through the summer. Fine fibrous roots cannot feed summer. Fine horous roots cannot leed the tree in dry hard ground in our dry seasons, any more than corn roots can make good crops of corn without cultivation. Plow from the beginning, reasonably deep, keep the roots down, they dirt to or from trees as independent will direct the control of are all three valuable varieties. Centennial is the largest, more convenient than the others, and a shining black; no bloom. Sauhegan not so glossy, and a little bloom, more acid than the others. Burns not so large as the two described, but the sweetest, and to my taste the best.

Gregg and Hoosier Mammoth green yet. as to be in the way of plowing close to it, we just skip around the part that is covered and shaded by the limbs, and let it alone and plow out the portions that we can reach. Don't forget what friend Patterson said about limbs smothering out and dring and don't cut and slash

COLMAN'S RURAL WORLD.

noble red man has never been represented any of these gatherings, nor have the fertile fields of the expansive deather than the first shipped them; in fact we shipped same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same day by same express company of the condition and quality of the same express company of the same day by same express company of the same day by same express company of the condition and quality of the same express company of the same day by same express company of the condition and quality of the same express company of the condition and quality of the same express company of the same day by same express company of the condition of the vicil to be the same day by same express company of the vicil to be an at the found, an entire same time, the found, and the subper of the vicil to P. M. Kiely & Co. have some oney for an express company of the vicil to P. M. Kiely & Co. have some oney for same see them in their true light, has been a

> rie. Have fifteen years experience in this county, and much observation in several other counties. I am a very close observer in these matters. Indeed, I think observation is one of the greatest educators that we come in contact with.
>
> Mr. C. Patterson, in the RURAL WORLD, a few weeks ago, gave us some Workld, a few weeks ago, gave us some been brought before us on former occaprogramme were received from members of the Association, in response to an invitation given some months ago. Prominent among them are two which have been brought before us on former occasions to which a yet no satisfactory been brought before us on former occasions, to which as yet, no satisfactory answer has been given. One of these, the matter of "Transportation" is in able hands, and we trust some new light may be thrown on this much-vexed question by those who have been making it a study during the pastiyear. The other—and if we are to judge by the amount of correspondence received—the one above all others in the minds of many—will be found embodied in question No. 5

above all others in the minds of many—will be found embodied in question No. 5 of the programme, viz, "Can any means be devised by this Association for the better protection of the Nurseryman's best friend, the Planter?"

I do not believe there is a member of this Association who would knowingly or willfully defraud a customer, but that it is done to a large extent, in various parts of our country, is indisputable. A member from one of our largest States, writes that the people in his section are under the impression that this is one of the objects for which we meet; and althe objects for which we meet; and although their ignorance, or want of investigation, has given them this erroneous idea, it is nevertheless the fact that honest dealers have to bear, to a great extent, the odium following the methods of the man without a conscience. In view of these and many other facts that might be mentioned, would it not be well for us, as an Association, to place ourselves upon record in this matter, and let the world about us know where we stand? stand?

Our calling is a noble one—filling the earth with forests, fruits and flowers. Let us not belittle it by doing anything to screen from view the few who, for

paltry gain, are ever ready to impose upon a credulous public.

A word about our membership. This Association is practically a nurserymen's association; for while the florists and seedsmen are recognized in the title we have us an organization, your few of

someway the control of the part for th

EXPERIENCE HAS PROVED THE fact to thousands of sufferers from SCROFULA, SYPHILIS, RHEUMATISM and IMPURE BLOOD which is the parent of so many diseases) that this old and renowned remedy is more effective and has wrought more about to cure that any change it is not suffered by the suffer of perior health! In the treatment of SKIN DIS-RASES its operation is greatly aided by the use of (JLENN'S SULPHUR SOAP, which eliminates the poisonous secretions as they come to the sur-face. The genuine HVATTS LIFE BALSAM is prepared only at the Laboratory of C. N. CRIT-TENTON, Proprietor, Ils Fulton Street, New York, and sold by all Druggista.



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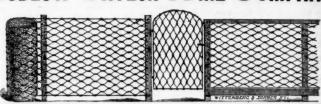
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(Advertisers will find the RURAL WORLD one
of the best advertising mediums of its class in
the country. This is the uniform testimony of all who have given it a trial. Many of our est advertising patrons have used it for more than a quarter of a century, which is the highest possible recommendation of its value as an advertising medium.

ing only one dollar for subscription. The price of the Rural World has been \$1.80 per the time they pay for.

Those who wish to know something of the forthcoming New Orleans Exp tion, will find much of interest in Horticultural columns, page 211.

MISS MARY E. MURTFELDT, of Kirkwood, Mo., has been re-appointed en-tomological observer for the U.S. De-partment of Agriculture for this locali-ty. An excellent appointment and a just appreciation of a very worthy lady.

THE La Plata greamery is now averaging 900 lbs. of butter daily, and within a month will have increased to over 1000 lbs. Huntsville creamery is doing well, made on Thursday last 450 lbs., and it may be said that generally the cream-eries of Missouri are doing first rate.

THE experience of Mr. W. P. Bradley, as imperfectly set forth in the article commencing at the bottom of the first column of page 211, this issue, presents a possible outcome to the Indian Territory, because of the properties of tory, heretofore unexpected. It is very evident that it has the capacity of becoming an excellent fruit country.

THE wheat harvest is now in order, and is being proceeded with vigorously in this latitude and south. Notwithin the farticate and south. Notwith-standing the newspaper cry of half cheat, and less than half a crop, it is generally understood that it will prove nearly or quite the equal of any ever harvested. We have within a few days past traveled We have within a few days past traveled 9 o'clock. Had the whole day a from the western borders of Missouri to and reached St. Louis at 7:30 the the middle of Ohio, and can report from observation a good average crop, and from the mouths of the farmers can discover nothing to the contrary. Corn too is looking well, in some counties a little greatly and let from produce the contrary. weedy, and in places short and late from weedy, and in places short and late from a second or third planting, but on the whole the promise is a full average crop. Rains have been very evenly distributed, and we can discover but few evidences of too much or too little. Moreover the days and nights are now warm, magnificent corn growing, and wheat harvest weather. We congratulate the farmers of the West on their prospects.

CLEAN bright wools are in good de-mand, particularly of medium and comb-CLEAN bright wools are in good demand, particularly of medium and combing grades, and such wools bring as good prices as for some weeks past. The bulk of receipts come in bad condition, and concessions have to be made. Wool, healthy, natural performances? Are we however, sells for cash in this city, to which the following from an advertiser.

The Purat World is in striking contained in this way? These questions are almost forced upon one watching the which the following from an advertiser in the Rural World is in striking contrast. He says: "I shipped my wool to st. He says: "I shipped my wool to iladelphia in April, have been expectregentians for more the month, but even now do no know when they will come or when to expect them." When the extroar will Western wool growers realize that

### THE AGRICULTURAL COLLEGE.

On a recent visit to the Athens of Missouri, the beautiful city of Columbia, we would like to see some of our good native stock interests of the South. too, for the day was excessively hot, and the distance to be traveled long. Just the distance to be traveled long. Just The distance to be traveled long. Just here we must say, that Prof. Sanborn has been in possession but about two years, took hold of a farm aggregating about 800 acres, with very positive ideas as to how it should be run, and what should be sold as imitation butter unless branders. be done with it.

One point he had in mind, was to make it pay. Another was to illustrate to the students how farming could be made to pay on such a rugged farm with poor.

The question is not whether these many could be made to pay on such a rugged farm with poor.

The question is not whether these land. Fences came down, and fields were enlarged. Water courses were d nuded of surplus shrubbery and oth worthless appendages, and everything put into ship-shape, to make the most of the whole. This is a work of time, but the man who has a plan and works after it, a system and sticks to it, will bring order out of chaos anywhere.

But this is an experimental farm, or

order out of chaos anywhere.

But this is an experimental farm, or rather was intended as such. It is now being utilized to that end, hence we have pasture, corn, wheat, oats, orchards, etc.. So laid out and so used, as that the experimentalist and his students may be able to see the effect of deep and shallow the such consideration of the such consideration of the such consideration of the such consideration of the such constraints o that of barn yard manure, etc., and on other plots of neither. We could conother plots of neither. We could conceive of a better location for such a farm, if the best results from the best farm were the desideratum, but if the best was to be made from the poorest average farm in the West, in the hands of the accomplete when the property of the second the west, in the hands of the accomplete when the west, in the hands of the accomplete when the west, in the following editorial:

The decisions which have been given in the last few years by physicians, experts and boards of health in the various demandance of the property of th

to his students, now best to can into requisition the intelligence developed in their course of study; an intelligence which, if well directed in the hereafter, will make of the Agricultural College of Missouri, the best remembered spot on Missouri, the best remembered spot on earth to some of the most successful farmers Missouri ever knew. The Agricultural College of Missouri, under the instruction of Prof. Sanborn, ought to be
mearing in the United
states; and if the farmers' sons of this
State fall to appreciate its worth and
that an badly made or stale butter. This
being the case, it is easy to see how a
utilize its facilities, they will have themthose only to blame.

friend that could give me any ussistance.
I had to abandon the idea of an education
and take hold of a plow. To say that it is a
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A DAY WITH THE HOLSTEINS.

We spent a day this week on the farm THIRTY-SEVENTH YEAR.

BY NORMAN J. COLMAN

We spent a day this week on the farm of J. W. Stillwell & Co., of Troy, Ohio, and saw their magnificent herd of nearly four hundred head of cattle, the great majority of which are imported heifers ranging from one to the remaining of the second state. ranging from one to two years old. Never have we seen so many valuable animals of the black and white order toanimals of the black and white order to-gether and never expect to do so again. Verily have the Stillwell company taken time by the forelock and secured the pick of the young things in Holland. The bulk of the stock now on hand

stock now on hand were purchased last winter, selected in person by their Mr. Riley who crossed the ocean in mid-winter for that purpo and therefore got the advantage of all other American buyers in that he was the first on the ground, and secured the first choice. Never have we seen a herd of mileh cows and helfers so nearly approximation form since and weight the head of the second weight the head of the second weight the second mating in form, size and weight, the best beef cattle of the world, the Shorthorns,

This second purchase evidences his isfaction with his first purchase of five, and when we say that in his second purchase he left the selection with the members of the firm, we think it is evidence not only of his confidence in their integrity, but in their judgment too. As we to press we have the information of the second purchase of the second go to press we have the information of a sale by them of two car-loads to Nash-wille, Tenn, and in contemplation similar lots to points South. Our own Illinois and Missouri farmers have bought of them largely and we have yet to hear of

For car-load lots they are prepared to give concessions in price, for their herd is a heavy one, and they would stimulate lo-cal bayers to commence in the same busi-

cal bayers to commence in the same business.

Their present herd is probably the largest in the world, and is as we have said very largely composed of young heifers. These are being bred, as they mature, to their \$5,000 bull Jacob, the heifers. highest priced bull in the world, and to Prince of Twisk the son of the champion prize winning cow now in America. When therefore these go to the farms of their purchasers they may be expected to produce something worth more than the dams cost and to realize to their purchasers a handsome outcome on their

investment.
One pleasant thing about Troy, Ohio, is illustrated thus: We left St. Louis by the Vandalia Railroad at 7 p. m., reached Indianapolis, at 4 a. m. and Troy, Ohio, at morning. We thus lost but a single day, saw all of their farms and their entire

The firm is composed of Stillwell, Crunkshank, Riley and Edge, and no four men in Ohio command the respect and confidence of their resident townsmen, bankers and capitalists more than they.

This we say advisedly and to ensure the confidence of the readers of the RURAL WORLD.

### THE LARGEST BUTTER YIELDS.

Verily this is an age of wonderful performances. Our horses trot in 2:10 1-4, our sheep shear 40 lbs. of wool and our by timers and weighers.
In the natural con

surely expect to see the extroardinary time of M. S. 2.10 1-4 beaten this year; every article grown on the farm ought to sell for spot cash? Here is a prominent wool grower who parted with his wool in April, only to find himself without returns on the first day of July; and when he does get them, will not have realized more per pound than those who sold in St. Louis for many than the same and t more per pound than those who sold in St. Louis for cash, and got their money within three days of shipment. Verily, there is room for improvement here, and bur Western men are beginning to realze it. she will not however compare with the Jersey, Princess 2nd, having showed only 17 3-16 lbs. of salted butter in seven days as compared with 27 10-16 lbs.

Both evidence wonderful capacity un-

were cordially invited by Prof. J. W.
Sanborn, the patient, plodding and hardworking Dean of the Agricultural College to go over the Agricultural Farm with him. We, of course, accepted his

### OLEOMARGARINE.

Many States have made laws against and sold for just what it is. These laws

legion) and the exponents of public opinion realize this fact and the necessity of a revolution the sooner the better. The Globe-Democrat hedges if it does not beg the question, in the following editorial:

The decisions which have been given

the West, in the hands of the accomplished scientist and the most patient investigator, in the presence of his class of students, certainly this is a good one, for it is rough and rugged enough to call into requisition the best talent known.

Prof. Sanborn is making the most of it, and is certainly in a position to exhibit to his students, how best to call into requisition the intelligence developed in their course of students.

strated this to our entire satisfaction; that the role is one that the role is one that the role is one to the large grass appears to be indigenous to the country the sheep and cattle pasturing on it from year to year cannot help but improve it; hence we have a large crop of both grass and clover from year to year.

In no State in this such that the role is one to the list stands Idyil. I believe that Xina has been chosen queen of the Circle. I would like to nominate Idyil for empress.

Our country fair will be held at Paris in Octoor of the so-called "Bates blood," no large the role is one to the list stands Idyil. I believe that Xina has been chosen queen of the Circle is one to the ling young helfers. In the same sale there were ten Oxford females, and two of these were bought by Mr. Morris and one by Mr. Becor, of the United States.

Now, according to the understanding of the output is provided in the country of the states. clover from year to year.

In no State in this country have flock-

We are continually receiving letters encios ag only one dollar for subscription. The rate of the Retal World has been \$1.50 per num for months past; hence, those who and only one dollar, are being credited for he time they nay for.

This section of Missouri referred to contains, for this reason, more sheep than any other, is more prosperous, less subject to vicissitudes of fortune or changes teen, in all, that he has purchased of them for his farm at Vincenzes, Ind.

This section of Missouri referred to contains, for this reason, more sheep than any other, is more prosperous, less subject to vicissitudes of fortune or changes in the markets, and why? because the them for his farm at Vincenzes, Ind.

This section of Missouri referred to contains, for this reason, more sheep than any other, is more prosperous, less subject to vicissitudes of fortune or changes in the markets, and why? because the the time they have for the world, the solutions. mutton or lamb than the city of St. Louis in any State in the Union? or more

> We have within two weeks past can-vassed this matter through Missouri, Illinois, Indiana and Ohio, in person, and fail to find but one answer. For in Illinois and Ohio the same quality

cheaper facilities for reaching that

In linois and Ohio the same quality of land worth here only \$30.00 an acre, will readily sell there for from \$60 to \$100, and Indiana is very nearly as bad.

On G. B. Bothwell's farm of about 3000 acres, we find him not only carrying 6000 head of prime Merino sheep on grass but as well residue all the confines. grass, but as well raising all the corn, timothy and clover necessary for winter use, and plenty of wool for shelter from the summer's suns; and yet farming land there, that will produce two to three tons of timothy and clover is selling at from \$30 to \$35 per ages.

Just here it may be as well to say, that Just here it may be as well to say, that of the 6000 sheep owned by Mr. Both and fail during the month, with cold nights well, manyla man might be supplied with flocks of from one to five hundred, and at a reasonably low price, and eastern men coming west are invited to look on North Miscowick as field for astronomy to the first time since last fall, seems to be

The following is the stock shipped to

Chicago, and Kansas City, for the week ending June 28th: J. W. Plumb, one car hogs, Chicago; Plumb & Powell, one car cattle, Chicago; Wm. Wilson, one car stock cattle, Kan-sas City; G. B. Hart, three cars cattle, Chicago; D. Smith, two cars cattle, Chicago; O. P. Guffy, one car cattle, Chicago; Wm. Saulsbury, one car hogs, Chicago;

Draper Smith, a prominent stock buyer of Napoleon, Ohio, here this week. Harvest beginning, favorable reports,

& Sons, Jacksonville, Ills.

J. Thornborough bought and shipped four car loads wool to that firm from this

Weather fine, rain enough to make corn grow fine. Respectfully, FRANK RHODES,

### ADDRESS AT THE AGRICULTURAL COLLEGE

outhern Live Stock Journal thus speaks of the address delivered at the commencement exercises of the Agricul-tural and Mechanical College of Missis-

sippi:
The speech of Gov. Colman of Missouri, on Tuesday, was listened to with close attention, and drew forth hearty applause. The speaker is a strong adapplause. The speaker is a strong advocate of the creamery system of dairying. He spoke eloquently of the vast importance of the dairy industry, and gave abundant facts to prove his statements. The heartiest applause of the day was given when he said, "Grass is king, and ever will be." The address was exceedingly prestical and caye the

notwithstanding the practical nature of his subject and address, he was listened to with eager interest. He said he had visited many of the A. and M. Colleges in the United States, and did not hesitate to pronounce this one of the most successful and prosperous one he had seen. He is proprietor of COLMAN'S RURAL WORLD, and is high authority in agri-cultural matters and of course his tribute to Mississippi's pluck and enterprise was gratifying.

## Fotes-Correspondence.

On another page will be found an an nouncement of six head of Jerseys for sale One of them is a valuable cow with calf by her side, both cow and calf registered. The others are high grades, good milkers, very choice stock, and not only doing weil, but in fine condition. Here is a nice little herd for some one to begin with, and they are offered cheap.

-A letter was published in the RURAL the printers mistook it for that name. The writer of the original letter will please ad

### From Texas.

effectually deterred than as yet they have been. The laws in such Eastern States as have legislated on the subject are sufficiently explicit for all practical purposes, and so far as legislation goes there is no prospect of anything more being attempted, the principal thing being to enforce such statutes as are already on the books. The greatest difficulty in regard to the oleomargarine case is the fact that, as usual, the x-perts are by no means agreed as to the unhealthfulness of the product, it being generally conceded that well-made along.

of Blaine or Bayard were president, or whether any of the latter during his life, except such tive of health in stables and in barns, where

and will sustain five to seven sheep to the acre, the sheep will average ten pounds of wool, fat lambs in good season, four to five dollars per head, and fat wethers five to six cents per pound.

Can we find a better market for wool, mutton or lamb than the size of such that we will have to improve our cattle if we make any money raising them. It is my opinion, however, that we can raise mules more profitably here than any other stock, because the climate suits them better than horses. I don't think that there is a county in the United States that will surpass this for fine mules, or one in which they can be raised

> I can talk better than I can write. 1J. E. R.

Lamar Co., Texas, 21st, May '84.

### Crops in Mississippi.

\$30 to \$35 per acre.

In our ramblings through the State viewing the Shorthorn herds we paid him a visit, were driven over his farm and after being treated to like favors in the States mentioned we fail to find anything that will surpass it, no matter at what price held.

EDITOR RURAL WORLD: I will give you a few lines as to crops in this section: This has been the most backward season we've had for many years. The unusually cold winter was followed by heavy spring rains, almost as cold as ice, preventing our lands from getting warm, and chilling the first cotton seed planted, so that the "early bird" had to plant EDITOR RURAL WORLD: I will give you planted, so that the "early bird" had to plant over. Then came the May deluges, 11.31 inches men coming west are invited to look on North Missouri as a field for settlement.

WEEKLY REPORT FROM BRECKENRIDGE,

WEEKLY REPORT FROM BRECKENRIDGE, behind last year, on an average, and the stand very imperfect, about %. Some will take ise with me, both as to its lateness and the stand, but here is how I look at it: As I stated, the first planting rotted in the ground It took about ten days to find out that it would not come up, before people would re plant. The second planting came up very imperfectly, and a great deal of what came was drowned out by two rains of about 7 inches, that fell very close together. Some are still replanting, but in my opinion, any seed put in the ground after the 1st of Ju crop. This county, Washington, made, last good grain,

G. B. Bothwell, sold wool to J. Capps

Season, (1883 and 1884) over 40,000 Dates. Lam.

25 per cent. off this, and you have 34,500 bales season, (1883 and 1884) over 46,000 bales. Take

My guess of the crop of 1884 and 1885.

Corn is sick. What hay and oats we have are fine—but you may know our folks don't count small things like the two latter. Being a very thoughtful people for the welfare of their Northwestern neighbors, patro

Greenville, Miss., June 23, 1884.

### The Mediterranean Hybrid Winter Wheat.

This is the Diehl and Mediterranean cros referred to in our article on "Wheat." The Mediterranean Hybrid Winter Wheat was originated in Western New York four years ago by fertilizing the Red Mediterranean with th pollen of the Diehl. It has proved extremely hardy and very prolife, and has been pro-nounced by best judges to be very superior for flour. It has the beard and blue straw of the Mediterranean, and thick set, compact head and plump berry of the Diehl, with stiff, strong straw. Our prices for cor season will be (while stock lasts): \$5 bushel; \$3 per half bushel; \$2 per peck. P. S.-Our crop for 1883 has shown the was exceedingly practical and gave the audience many new ideas. The speaker closed with a glowing tribute to the A. closed with a glowing tribute to the A. & M. College.

The Mississippi Clarion says: In the afternoon ex-Gov. Norman J. Colman. of Kansas City

## Che Cattle Pard.

### Coming Sales.

Nov. 20th, Joseph E. Miller, Hoistein Cattle

August 7th, K. H. Allen and others. Cen

The Dukes and Duchesses

### EDITOR RURAL WORLD: In view of you eports of the Kentucky sales, what you said

efore they took place, and your editorial this week, I am led to ask, why this great distinction in the value of different families of Shorthorns, and particularly in the Dukes and the Duchesses? It does seem to me there is a great deal of nonsense in the booming of such old and obsolete breeding, and sensibly on the release are realized as you quote the following are cheap and effective: so, when such prices are realized as you quote in your report of the sales referred to. Please inform me and your many readers.

Saline county, Mo., June 28th, 1884.

This is a question that has puzzled more than one breeder, not only the new beginner, but the veteran also. The truth of the matter is, however, that to continue the breeding of any race of animals in its purity, it is es World some three weeks ago under the head of Farm Wanted, and signed P. L. and the higher the better. Nor is that the Superior, Wis. A number of letters have come to this office to that address. We think the post-office was not written Superior, but ble, so as to secure purity, and to ensure the outcome desired, and this can only be done by the use of the purest animals known to one

In this connection we know of no recen

way of prosecuting to a successful issue any legal action that might be under-taken.

wish you had a hundred thousand subscribers any legal action that might be under-taken.

was of superior excellence, and descended in Texas, it would add millions to the wealth from an ancient tribe of Shorthorns; and he claimed that the Duchess heifer he bought at fine horses, fine cattle, fine farms, fin sheep into the second. These two server only to soak and soften the coarse food. When the Perhaps never in its history did the northern portion of the State of Missouri appear to better advantage than just now. A run through a large number of counties through which the Toledo, Wabash and Pacific, and the Hannibal and St. Joe Railroads pass, has demonstrated this to our outless. Mr. Watson has the right to use the prefix as became barren. At the sale of his stock by Rev., and no Texan will ask Walnut whether the is a Catholic or a Protestant or Morman, and think that the Home Circle is one of the 56th, 59th, 61st, 62d and 66th, three of them be

> stock as late as 1831. She was a white cow and Mr. Bates recorded her as by Matchem (2281), dam by young Wyngard (2859). A daughter of this cow, by Duke of Cleveland twenty-five. It is evident from these prices (1937), calved in 1834, being a prize animal at that we will have to improve our cattle if we the meeting of the Royal Agricultural So ciety, at Oxford, in 1839, became known as the "Oxford Premium Cow," and the name (Oxford) was afterwards applied to all the descendants of the Matchem cow. To these Mr. the improved cattle or the larger breeds of Bates bred bulls of the Duchess family, and to Duchess cows he bred bulls descended from the Matchem cow. Therefore when a son of the Matchem cow, as Cleveland Lad cheaper.
>
> Now, Mr. Editor, I don't think I have written anything worth publishing, so if you think so drop it in your waste basket; and if I can get to the St. Louis fair this fail, I will But a first it was not allowable to go outside of these two tribes even to other strains of ome around to see you, for I can assure you of these two tribes even to other strains of Bates blood. Under this rule there are now no pure Dukes or Duchesses living. The 14th Duke of Thorndale and the 4th Duke of Geneva were the last of the pure Dukes. But the Duchesses and Oxfords of our day have various crosses out of the two strains we have mentioned. Still, if they trace descent to the first Duchess, or to the Matchem cow, on the side of their dams, and the sires appearing in their pedigrees are of "Bates blood," by which seems to be meant blood once used by Bates, they are then classed as pure Duchess-

es or Oxfords.

But there are few if any now to be found in England or America that come within this rule. There have been various infusions of the blood of other strains, beginning with the well known Usurer cross. At the sale of Mr. Bates' cattle Earl Ducle became owner of three of the eight Duchesses then sold. One of these he bred to Usurer (9763), a roan bull, of these he ored to Usurer (9/63), a roan bull, of the Mason blood, bred by Mr. Hall. At the sale of Earl Ducie's herd, in 1853, Mr.

Thorne, of New York, was the purchaser of Duchesses 59th, 64th and 68th, while Messrs Morris & Becor bought Duches 66th and the Duke of Gloster (11,382). Subsequently Mor-ris & Becor bought of the Marquis of Exeter, the roan bull Romeo (13,619), as in their judg ment a suitable bull to infuse fresh blood into their Bates stock. He got, among others, the well-known cow "Romeo's Oxford," out of the pure Oxford cow Oxford 5th, Oxford Lad 4220, a son of Romeo's Oxford, by the Duke of Gloster (11,382), and her daughter. Gem of Ox ford, was the dam of Imperial Oxford 4905, a very celebrated bull, used for several years in ne distinguished Bates herd of Mr. Jas. O. Cheldor, of New York. The late R. A. Alex ander, of Kentucky, one of the most cele (11376), who was by the Booth bull Lord George (10489). The issue was the 2d Duches of Airdrie, who in turn became the dam of the 6th, 9th and 11th Duchesses of Airdrie, and of the 12th, 14th and 17th Dukes of Air drie, etc. The Lord George (Booth) cross oust be credited to Col. Townsley, of Towns ley Park, England, who bred the 2d Duke of Athol, a son by Lord George, out of Duchess 54th, by 2d Cleveland Lad. These three crosses, to wit., the Usurer, the Romeo, and the Lord George, are called complete "out" crosses, by which is meant that the blood was not of the Duchess, Oxford, Red Rose, or any other of the Bates sorts. In England there have been several other out crosses, as they are erroneously called, for they are all of pure Shorthorn blood, though not classed as Bates." Mr. Bolden, of Springfield Hall, ored the bull Prince Imperial (15095), from a Booth cow, his sire being 2d Grand Duke (12961); and he was largely used on Duchess (12961); and he was largely used on Duchess cows in what is called the Grand Duchess line, etc. Col. Gunter, another large English

Rell-Bates families of other strains that are

at least once a week, in addition to that con-stantly in use for the evacuations. The value of disinfection is no longer open to discus-sion. Its value is reduced to scientific facts. Experiment has also shown the value of two or more disinfectants in combination. For cesspools, drains, and others of a like character, the following formula will be found

Carbolic acid, one pound; copperas, two inds: air-slacked lime, two bushels; mix.

ride lime, two parts; mix, and place in shall low dishes about the stable.

Another: White vitriol (sulphate of zinc). one part; copperas, powdered, twenty parts; gypsum, powdered, thirty-six parts.
Still another is: Carbolic acid, powdered,

In this connection we may remark that disinfectants are not only of service when and where contageous diseases are known to ex-ist, but will be found an admirable preservaeither horses or cattle are hou

### Feeding for Assimilation.

In feeding breeding stock, many, doubtless onceded fact. But then, many differ as to what high feeding is. We have visited herds cas the effret In no State in this country have flock-masters better pasture, in no country in the world do sheep need less care or attention, and certainly no where are fat horns.

I. L. draft since g six.

draft since g six.

draft in the markach, and will sustain five to seven sheep to Ind.

In no State in this country have flock-masters better pasture, in no country in the world do sheep need less care or attention, and certainly no where are fat wethers more easily or cheaply produced.

The section of Missouri referred to condard tains, for this reason, more sheep that any other, is more prosperous, less subject to viciositudes of fortune or changes in the markets, and why? because the better. Wheat and oats are good; corn and in the markets, and why? because the better. Wheat and oats are good; corn and since g six.

Ind.

In no State in this country have flock-masters better pasture, in no country in thorses of the son-called "Bates blood," no observable and advocates of the so-called "Bates blood," no observable and the most valuable animals were fed corn meat the year round, far beyond their powers animals on the side of its dam, nor can it be here from Kentucky, and several grade draft any other, is more prosperous, less subject to viciositudes of fortune or changes in the world do sheep need less care or attention, and certainly no where are fat hore of the son called "Bates blood," no obsorvation both shorthorn can rank as "Duchess" or an of world of the most valuable animals were fed corn meat the year round, far beyond their powers animals on the side of its dam, nor can it be here from Kentucky, and several grade draft here from Kentucky, and several of Shorthorn cattle where the best bred, and an extent is this fact recognized that but few well read or observant men can be induced to buy animals so fed and bred. All feeding to be profitable, must stop at

assimilation, and when it does, we fail to recognize it as high feeding, when it goes beyond that it is unnatural, impolitic and dangerous to the health and fertility of the animal, and more so to its progeny. When a Shorthorn or any other animal is fed more than it can digest, and from one-quarter to one-half passes off unchanged in the excre-ments, the feeder is not only wasting his food, but impairing at the same time the vitality of his stock by calling upon nature to perform unnecessary labor and causing irritation, and to that extent inf in the smaller intestines.

We are led to these remarks by the numer

ous erroneous statements in the following article taken from a late number of the Indiana Farmer:

indiana Farmer:
"There is a prevailing belief among many otherwise well informed farmers, and not a few devoted to stock breeding, that high feeding deteriorates productive qualities and leads to barrenness. It should be that it was high feeding and the best care in breeding that produced the Shorthorn race, and that it is not likely to fall away under like conditions of care. But we are not left to mere theory on this subject. Some of the our best known breeders, says that the premade it a rule to push his animals from 2.06 gait, and Flora Bell paced a mile at Eas onditions, in no instance has he found that that track. t superinduced barrenness. Neither does high feeding have a tendency to deteriorate nd the converse, but none are made poorer in this regard by high feeding.

Mr. Wilhoit's uniform success in the prize purpose of practicing upon them has two purpose of practicing upon them and the purpose of practicing and will in this way have breeding animals equal to those bred my to rule. Clingstone and Maud S., are the purpose of practicing upon them any objection vanderous may raise to trotting a three-in-five race according to rule. Clingstone and Maud S., are the processing the process of practicing upon them any objection vanderous may raise to trotting a three-in-five race according to the process of not only retains all the good qualities of the race, but at maturity has more pounds to the animal than those who have hesitated at the best feeding from the start. Such an the best feeding from the start. Such an experience is worth more than all the theories extant to the contrary, and since it is that of many years and uniform, may well be acted upon with assurance. For the best results, push the animal fro start. There is more money and better qualities in the outcome of such manage-

CATTLE SALES.
A joint sale was held at the Union Stock Yards on Wednesday, June 18, embracing horthorns, by M. A. Stuyvesant, of Poughkeepsie, and Joseph H. Orr. of Rochester. N. Y., and Polled Aberdeen and Angus bulis by John T. Foote, of Springbrook farm, Mor-ristown, N. J. Col. Judy officiated as auc-tioneer. Twenty one animals (old and

time, in the hands of a capable trainer, would \$6,530, an average of \$138 93. The average of the cows and helfers was \$151 16, and of the bulls \$117 35. The range of prices was from \$75 00 to \$225 00. None of these sales had been properly advarted which accounts the commercial Gazette. been properly advertized, which accounts largely for the lack of interest manifested and the low prices realized.-Farmer's Re-

### Chewing the Cud.

sypsum, powdered, thirty-six parts.

Still another is: Carbolic acid, powdered, one part; gypsum, powdered, fifty parts; copperas, 150 parts; mix.

One more: Flowers of sulphur, one pound; common salt, two pounds; copperas, three pounds.

A cheap and effective liquid disinfectant to be used as a wash is made of carbolic acid, one once; white vitriol two ounces; water, two gallons.

the report that some one of the cows had "lost her read," and as the result of this extempt to "make a new cud," in the hope that tempt to "make a new cud," in the absurd at the port that some one is this extent to a common sait, two pounds; copperas, three pounds.

A cheap and effective liquid disinfectant to be used as a wash is made of carbolic acid, one onne; white vitriol two ounces; water, the common sait, two only in the hope that tempt to the absurd at the pounds.

The common sait, two ounces is the ci

Chloride of aluminum, one and one-hair pounds; water, one gallon; dissolve.

This has no smell and is not poisonous. Of fumigants, sulphur is probably one of the best. It should be used strong enough to see the chewing is to come later. When this unthe animals coughing, and then immediately discontinued, to be again exhibited the section.

was of superior excellence, and descended ond or third day. If sulphur be mixed with term; but the drink which the animal takes of it into the second, and then the cow or sheep is ready to "chew the cud."

The second stomach, while busily at work in soaking the food, keeps it in m gradually rolls it up into masses, so that in the small upper part there is formed an oblong solid lump of the size that we recognize as the "cud." This the animal throws up into the mouth, and chews with evidently much satisfaction as the same act of ma cation gives us when we put the most of sufficiently chewed, the mass is swallowed and its place taken by another which had been rolled up in the mean time.

But the "cud" thus masticated does not re-turn to the second stomach, from which it had come. It passes smoothly into the third, a place for additional lubrication, and there into the fourth, where the true diges gins and ends.

This is, in brief, the whole story, and we see ow naturally the chewing comes in; it is we see also what "losing the cud" really is. The cowor sheep is suffering from indiges-tion; the "second stomach" has failed to roll up the little masses suitable for chewing, and there is nothing which the poor beast can bring up. Of course, therefore, thing required is to restore the power of the stomach; not to burden it with an "artificial cud," which would only increase the difficulty, instead of relieving it .- Scientific American.



### Stallions Advertised.

Exile, J. V. Stryker, Jerseyville, Ills. Clay Cuyler, J. V. Stryker, Jerseyville, Ills. Wm. L. Hull, R. J. Fruin, Meadville, Mo. Monitor, C. D. Colman, St. Louis, Mo. Sprague Pilot, H. L. Dousman, Prairie

Wolfort's Hambletonian, H. L. Dous-

man, Prairie-du-Chien, Wis. Prince Julian, H. L. Dousman, Prairie

oldest and best breeders of Shorthorns have a very uniform experience on the subject.

Mr. Thomas Wilhoit, Henry Co., Ind., one of any day to hear that the record of Mand S valing notion among some, that high feed-ing will produce barrenness, is a great mis-take, and is rather the excuse of slip-shod breeders for their slovenly methods of both care and feeding. Mr. Wilhoit has always has been driven a quarter in 31% seconds, a calves to full maturity, feeding to the full saginaw, Mich, on the 21st inst. in 2.14 extent and capacity of assimilation. In a long experience as a breeder, under such than the best time ever before made upon

### Jay-Eye-See's Challenge.

sh feeding have a tendency to determine the breed. All emilking qualities of the breed. All eds have strains that are prime for milk, farm says: Wednesday, the 25th, a check came to this office drawn by J. I. Case to the came to the came to this office drawn by J. I. Case to the came to this office drawn by J. I. Case to the came to this office drawn by J. I. Case to the came to this office drawn by J. I. Case to the came to the ca order of Hamilton Busby for \$5,000, which we Mr. Wilholt's uniform success in the prize ring with his herd has done much to remove proposition forwarded from Cleveland with the erroneous notion that high feeding is dangerous to the breed. Pushed to the utmost from califhood, his animals have always been good breeders and now he finds for the treatment of the proposition forwards the same of the proposition forwards from Cleveland with the this. Mr. Case is willing to match Jay-Eye-See for a race or exhibition heat against any horse for \$10,000 as ide, half the proposition forwards and proposition forwards the proposition forwards from Cleveland with the control of the proposition forwards from Cleveland with the control of the proposition forwards from Cleveland with the control of the proposition forwards from Cleveland with the check, is this: Mr. Case is willing to match Jay-Eye-See for a race or exhibition heat against any horse for \$10,000 as all of the proposition forwards from Cleveland with the check, is this: Mr. Case is willing to match Jay-Eye-See for a race or exhibition heat against any horse for \$10,000 as 4 Hartford, Proviways been good breeders, and now he finds forfelt, to be trotted either at Hartford, Provihimself unable to supply the demand upon dence or Chicago, as may be mutually agreed himself unable to supply the demand upon his herd for breeding animals, and is about upon, each party to choose one judge and to his herd. He buys them young for the purpose of practicing upon them his own purpose of practicing upon them his own purpose of practicing upon them his own purpose of the purpose of practicing upon them his own purpose of the purpose of practicing upon them his own purpose of the purpose of the

-Captain George N. Stone, manager of the local telephone company, is back from a brief business visit to New York. Wnile in that city he saw Maud S., the great mar he formerly owned, trot one of the most remarkable trials of her life. Last Friday afternoon he drove out to Fleetwood Park with Mr. William H. vanderbilt to see the queen of the turf. She was brought out with Billy Bair, her old trainer, in the sulky. Mr. Van-derbilt instructed Bair to give her an easy mile. The best time ever made on the Fleetwood track in a race is 2:14. It is slow at its best; the last half being up hill; but now it is deep in dust and sand, and probably four good seconds slower than the average mile track in repair. Mr. Vanderbilt and Capt. Stone held their watches on the mare. went away with her perfect smooth and easy motion, and the h line, etc. Col. Gunter, another large English breeder of Dukes and Duchesses, has made several infusions of blood from other good Shorthorn strains.

Still, with all this, the so-called Duchesses and Oxfords maintain their rank as the highest selling of all the Bates cattle, higher, indeed, with these "out crosses," than Bates or deed, with these "out crosses," than Bates or a constant of \$897, an average of \$110 each, and seven being marked 31½ seconds as she sped by the quarter pole. Whizzing along the back stretch, she reached the half mile in 1:04. Going up the hill in the last half, she was eased a little, and was at the third quarter in 1:38½. She trotted past the gentlemen in the stand as fresh and lively as if doing an easy cip on the road in 2:13½. All thirse considered The sales were pretty evenly distributed the road in 2:13%. All things considered, Use of Disinfectants.

In relation to disinfection. I believe, says Prof. Periam, that in virulent diseases it is necessary to disinfect the stable or hospitai that he is not able to purchase one or more at least once a week, in addition to that conthoroughbred breeding animals.

On Thursday, the 19th, Thos. Hughes, of Hebron, Ind., sold at the Union stock yards 47 head of Shorthorns, 30 of them being cows and heffers (many of them young animals), and 17 bulls. The total receipts were the form of the flavores still lower and prove to the flavores still lower, and prove to the flavores still lower.

-The almost universal custom of farmers in feeding their work horses with dry hay during the summer is not consistent with the principles of correct hygiene, or promotive Every child in the country has stood and watched this curious operation, and wondered what the lump was which he saw come up in the cow's throat, and then go down again after she had chewed it for a certain length of the bowels, and to lay the foundation of interpretation of the bowels, and to lay the foundation of interpretations and of agreent fewers. arter such and chewen it for a certain sength of time. And perhaps he may have seen the flammatory disorders, and of severe fevers anxiety and turmoil produced on a farm by the report that some one of the cows had t one ounce; white vitriol two ounces; water, two gallons.

A powerful disinfectant, but poisonous if swallowed, is made as follows: Chloride of the solution in a gallon of water will be of the solution in a gallon of water will be of full strength to be used. It must be properly marked and placed where children will not get it.

Chloride is one ounce; white vitriol two ounces; water, one half gallon; dissolved, a pint of the solution in a gallon of water will be of full strength to be used. It must be properly marked and placed where children will not get it. run strength to be used. It must be properly marked and placed where children will not getton require it; they can get their norm of green fodder in their stables both she cleture, is made by the following formula:

Chloride of aluminum, one and one-half pounds; water, one gallon; dissolve.

This has no smell and is not reclaimed to the stable of the fourth, the other three beThis has no smell and is not reclaimed. In the stable both which is called the fourth, the other three be
o'clock) comes around. In the shiftsh Indoor of green fodder in their stables both right and day. Tares or vetches are very generally used for this purpose. The horses are fed small quantities at a time during the day, and full rations when bed time (at eight which is called the fourth, the other three beThe succulent the blood.
The English bulky food th purpose of mas practicable when the storexpanded till sels and fram

July 3

to contain co support a co large and stro fact, be devel of coarse food There is no position that Shire and the raised in No bulky food in

while growing we have grad for feeding in Vetches, so w not so well Peas should soiling, with bushels of pe off the groun-mowed easily April, when corn, at the r peas, can tak produces a le and this mal soiling and c The notion weakens hor When horses ing food, and the laxative sary and hese concentrated condition of

some form generally do ormal and hand, horses endurance. and well for old age, and ly remember table service At the head dead, says th dyk's Ham great family horse whose centuries to the turf and During his li sired thirty-in 2:30 or be in 2:30 or be work has fu sons with th

day. It is l

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than any o already bee not only |pl tion to the sires. But that he has that the h country be before his mile in a fra but the li could be fa ished the trotting m horse Dexte tonian, and sire into pr teen years ter in 2:17% claim to the last two sea fact more v ter was reti until the a mare was a until the da bred will in

at least in t

ed to be a s Hambleton port of thi His time of owever, a 2:1314 St. Ju later Maud tonian, low 881 turne trotted by in point o of Dexter. that their practice of begun the tonian's s Wilkes, pla at 2:21, wh granddang to 2:19%. and out o 2:20, and in rubbed out Hambleton Chicago tra

by Santa C was first trotted at t records no dyk's Ham that have t and four y Hambleton Dexter, the and in add six-year-ol of 2:15% is the best ev These fac put the car nimal takes of the first

1884.

motion, and s, so that in med an ob-we recognize al throws up evidently ac et of masti-When it is

s swallowed which had does not rerom which it to the third, n, and then igestion be-

, and we see nes in; it is nes in; it is to that it is at orderes. And d'really is. or indigestalled to roll hewing, and re beast can re, the one he tone and order it with g it.—Scien-

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ell-authensurprising of Maud S. ye See has and Maud n's Driving Clingstone seconds, a sile at East st., in 2.14, cond faster nade upon

Field and h, a check Case to the d, which we orfeit. The eland with willing to exhibition
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ager of the While in great mare he most re-Friday af-Park with with Billy Mr. Vaner an easy the Fleet-slow at its nt now it is bably four erage mile and Capt. nare. She 11:04. Gowas eased er in 1:38%. the stand asy cup on onsidered, ance than better than

etter than 2:12, over than 2:12, over the track. I will drive ee or any one of a emphatiur weeks' ner, would over to the turf onors and mmer. of farmers h dry hay t with the

promotive in horses. ong a con-is; that it ndition of ndition of increase reverse the consti-l'character te, making aid into its it. Horses, r dry food, d cool the y. In fact salities are and early ear and early will connecessary In fact, to dity in the an extra s subsist-British Is-ian abun-ables both are very The horses during the e (at eight: corning be-e also fed es between

on to, or in ss, trefoil-are used.

when the od passes out n the cow or

position that large draft horses, like the Shire and the Norman sorts, can be as easily raised in North America as in Europe, if

The Prepotency of the Maic Parents. bulky food in large quantity be given to them bulky food in arge quantity be given to them while growing. Besides clovers in variety we have grasses in variety and abundance for feeding in the stable here in hot weather. Vetches, so widely grown in Great Britain, are not so well adapted as peas and rye mixed. soiling and cutting previous to and while in

Ing food, and fed with succulent green fodder the laxative effects are moderate, but necess sary and healthy. Horses fed with dry and concentrated food only, are generaly in a condition of incipient inflammation, liable to some form of life-shortening disease, and generally do not live out two-thirds the! normal and possible life; while on the other hand, horses that are fully and carefully fed with green, bulky, and not concentrated food, grow into animals of great size, power and endurance. They serve their owners truly and well for a score of years, living to a good old age, and are thereafter long and frequently remembered for their faithful and profitable services.—Country Gentleman.

tion to the first position among trotting sires. But this is not by any means all that he has done. It may be fairly assumed that the history of fast trotting in this country begins with Dexter. Of course before his day Flora Temple had done a mile in a fraction of a second less than 2:20, but the little bay mare was an isolated instance of a fast trotter, and stood so far above other horses of her time that there was no basis of comparison by which her merits could be fairly judged. When Dexter astonished the country by trotting the Fuffalo track in 2:17¼ the era of remarkably fast trotting may be said to have begun. This horse Dexter was a son of Rydsyk's Hambletonian, and it was he who first brought his sire into prominence. Since that day, sixtonian, and it was he who first brought his sire into prominence. Since that day, sixteen years ago, when Budd Doble drove Dexteen years ago, when Budd Doble drove Dexter in 2:17% the Hambletonians have always, as a family, kept to the front, and at no time have they more clearly demonstrated their claim to the premier position than during the last two seasons. But of this last-mentioned fact more will be said hereafter. When Dexter was retired from the turf by reason of his purchase by Mr. Robert Bonner nothing that was capable of taking his place appeared until the advent of Goldsmith Maid. This

ter was retired from the turf by reason of his purchase by Mr. Robert Bonner nothing that was capable of taking his place appeared until the advent of Goldsmith Maid. This mare was a granddaughter of Bysyk's Hambletonian, and she gradually cut down the record year by year until it stood at 2:14. Nothing to dispute her supremecy was found until the days of Rarus. How that horse is bred will in all probability never be known, at least in the male line. His sire was claimed to be a son of Abdallah, sire of Rysdyk's Hambletonian, but competent proof in support of this assertion has never been offered. His time of triumph was of brief duration, however, as the season following his mile in 2:134, St. Julien, a grandson of Hambletonian, howered the figures to 2:104, and in 1881 turned the Rochester track in 2:104, which stands to-day as the fastest mile ever trotted by a horse in harness. So we see that the point of speed the Hambletonians have stood at the front ever since the practice of training colts at an early age was begun the honors have, almost without exception, been held by the Hambletonians, Momento, a granddaughter of the Old Honorse have a durated to 1821, where it stood until Hinda Rosea, as granddaughter of the Old Honorse have a durated to 1821, where it stood until Hinda Rosea, as granddaughter of the Old Honorse have a durated to be at 2:194, Trinket, a daughter of Princeps, and out of a mare by Rysdyk's Hambletonian, was first lowered by Jay-Eye-See, who trotted at that ago in 2:104, and in the least opportunity is afforded, by Santa Claus, a grandson of Hambletonian, was first lowered by Jay-Eye-See, who trotted at that ago in 2:104, and it is not likely that it will soon be equaled. As the records now stand Electloneer, as on of Rysdyk's Hambletonian, was first lowered by Jay-Eye-See, who trotted at that ago in 2:104, and it is not likely that it will soon be equaled. As the records now stand Electloneer, as on of Rysdyk's and mind the days of the control of the control of the control of the cont Time is Money.

Time and money will be saved by keeping kindley-Wort in the house. It is an invaluation that have the best records at one, two, three and four years of age; and another son of Hambletonian, Dictator, a full brother to Dexter, that astonished people so many years ago, is the sire of the fastest five-year-old, and in addition to this he has to his credit a six-year-old stallion, Phallas, whose record of \$2.15\% is within a quarter of a second of the best ever made by an entire horse, These facts, which are all matters of record, put the case more strongly than it could be presented in any other way, and that they have not been disregarded by thoughtful ly that it will soon be equaled. As the records now stand Electioneer, a son of Rys-

The succulency of such food tends to cool the blood.

The English farm horses are fed all the bulky food they can consume, for the express purpose of making them as bulky and heavy as practicable—It being well understood that when the stomach is habitually filled, and so expanded till large and bulky, the blood vessels and frame-work also necessarily developt to contain corresponding bulk of blood and support a corresponding weight of body. A large and strong body and frame cannot, in ments, the first the supposition that large draft horses, like the The succulency of such food tends to cool men is evidenced by the further fact that no

BY M. G. ELLZY., M.D.

Much study of breeding problems, an ex-ceptionally wide and favorable field of ob-servation, and much practical experience as a breeder and handler of domestic animals, Peas should be put in quite early for early soiling, with a peck of rye or wheat to three bushels of peas. The grain will hold the peas off the ground sufficiently to allow them to be mowed easily and clean. After the middle of April, when planted for a succession, flint corn, at the rate of a peck to three bushels of peas, can take the place of the rye. The peas produces a large amount of straggling vine, and this makes it a very suitable crop for soiling and cutting previous to and while in mares quite generally fail d to transmit their gaits to their colts by Black Hawk, or to the The notion that green and succulent ford weakens horses, is only partially correct. When horses are taken from dry, constipating food, and fed with succulent green fodder the layative affects are moderate but works. I made the same observation whereas I

American Trotting Sires.

At the head of all trotting sires, living or dead, says the Breeders Gazette, stands Rysdyk's Hambletonian, the founder of the great family which bears his name, and a horse whose fame will be perpetuated for centuries to come by the performances on the turf and in the stud of his descendants. During his lifetime of twenty-seven years he sired thirty-seven horses that have trotted more above the present work has furnished us his sons and grandsons with the very best sires of the present that thirts, which they called musmous. However, musmous and tittres were both lowever, musmous and tittres were both work has furnished us his sons and grandsons with the very best sires of the present
day. It is like trying to whistle down the
wind for those whom prejudice has blinded
to try and detract from the merits of this
great horse, and their puny efforts in the
way of detraction serve only to call
momentary attention to the unsubstantial
ground upon which men who have a foolish
desire to gratify will place themselves. Facts
that extend over a generation of time are
not to be disregarded or talked down, and
the lessons they teach are graven in such enduring fashion as not to be swept away by
every passing wind that blows.

The fact that Rysdyk's Hambletonian sired
during the quarter of a century he was in
the stud more trotters of standard merit
than any other horse that ever lived has
already been alluded to. This alone would
not only iplace him far above the reach of
existion, but also entitle him without question to the first position among trotting
sires. But this is not by any means all
tech belowed and the first and more inter the subled man the litries, which they called musmous.
However, musmous and titries were both
more like the goat than the titres, which they called musmous.
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potential than the titres, which they called musmous.
However, musmous and titres were both
more like the goat than the titres, which the sheep.
This re
potency of the goat in crosses with the sheep,
and also the prepotency of the male in both
asses of the cross. Manx, or talliess cats, retiprocal cross, therefore, exhibits the prepot

### Time is Money.

### Chaff.

A process has been discovered by which artificial ivory can be made from the bones of sheep and goats and the waste of white skins.

According to Joshlin, fishes have been caught at depths where they must have sus-According to Joshlin, fishes have been caught at depths where they must have sustained a pressure of eighty tons to each HOLT BROS., Arlington, Ky. square foot of their bodies.

It gladdens the heart to be and recognize the being in the enjoyment of perfect health, and yet how few possess it. The active habits of life in this country make the people neglect the mastication of their food; hence follows indigestion, constitution or distributed flatulence, &c., making life a burden. Under such a regime it becomes necessary to use a means of assisting the over taxed power nature in digesting the vor taxed power to nature in digesting the vortaxed power to stomach, and we find no better adjuvant than can be found in the Home Stomach Eitters. Potable gold was a liquor which the ancients never thred of trying to make, and which they thought would preserve health and youth, and heal all diseases. It was distilled with lemons, honey, spirit, and salt.

### Catarrh of the Bladder.

Stinging, irritation, inflammation, all kidney and Urinary Complants, cured by "Buchu-paiba." \$1.

In the Country All Summer.

The man who takes his family to the country for the summer should remember that he will save his children a great deal of pain and himself n large amount of money in doctors' bills, if he is thoughtful enough to carry a supply of Perry Davis' Pain Killer. The medicine is a standard specific for all cases of cramps, colic, cholera morbus, diarrheea, or dysentery.

Patchwork and Crazy Quilts are the latest Craze, and ladies will be glad to learn of any economy in this Art Needle-work. We have just been shown an ounce package of "Factory ends called 'Waste' embroidery," good slik, beautiful colors, and in quantity as much as is obtained in from 75 to 100 skeins of regular goods. These factory ends can all be used, and are highly prized for their economy. Any of our subscribers may obtain a similar package by forwarding 40 cents to The Brainerd & Armstrong Co., 621 Market Street, Philadelphia.

### BREEDERS' DIRECTORY.

SHORTHORN CATTLE.—J. F. Finley, Breck enridge, Mo., breeder of Shorthorn Cattle and Berkshire Swine. Imported Kirklev-ington Lad at head of herd. Stock for sale at all times.

KANSAS SHORTHORN CATTLE—Robert of Shorthorn Cattle of the best families. Stock for sale. Inspection invited.

TAMES H. PARKER, Columbia, Mo., breeder of Shorthorn cattle, Southdown and Cots wold sheep. Grand Duke of Sharon 29739 at head of herd. Prices reasonable.

A. A. POTTER, Columbus, Mo., Breeder of pure bred Poiand-China and Duroc-Jersey Red Hogs. Special rates by express. Pedigrees furnished. Safe arrival of stock guaranteed. No trouble to answer letters.

HIGH CLASS BATES CATTLE, bred and for sale by M. W. Anderson, Independence, Mo. Craggs, Barringtons, Harts, Places Acombs, &c. Kirklevington Duke 2d 32980 at head of herd.

WILL R. & JUNIOR K. KING, Peabody, Marshall, Mo., breeders of Short-horn eattle Viscount Oxford 7th, 49489, Imp., and Grand Duke of Clark, Jr., head the herd.

T. HEARNE, Lee's Summit, Mo., on Mo.
Pacific R. R., 24 miles east of Kansas
City, breeder of pure bred Shorthorn Cattle
of the highest type. Herd numbers 100 head.
Farm adjoins the town.

JOHN MORRIS, Chillicothe, Mo., breeder of Short-horn cattle, Berkshire swine, Cots-wold and Merino sheep. Stock for sale at rea-sonable prices. Write.

CHENAULT TODD, Fayette, Mo., breeder of Shorthorn Cattle, Sharon-Geneva 53672 and Abram Duke of Sharon at head of herd.

H. W. P. BLOCK, Aberdeen Farm, Pike Co., Aberdeen Farm, Pike Co., Procherons by imported Napoleon Bonaparte and Bismarck, Champion Almack Trotters, pure Jerseys, grade Jerseys (milk cows), white Yorkshire and Berkshire pigs. Send for catalogue. Address Prairiesville or Louisiana, Mo.

J. BELL & SON, Summerville, Texas coun-ty, Mo., breeders of pure Spanish Merino sheep. Choice ewes and rams at wholesate and retail.

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MERINO SHEEP-H. V. Pugsley, Platts-burg, Clinton county, Mo., breeder of registered Merino sheep. Stubby 440 stands at head of flock. Call or write.

BREEDERS of recorded Spanish Merino Sheep. Woolly Head 2d, (695) at head of flock. Cholee Rams for sale. Satisfaction guaranteed. A. F. WILLMARTH & CO., Ellsworth, Kas.

R. C. PEW, Prairieville, Pike county, Mo., Stropshire sheep. Ewes and rams ot all ages for sale. Correspondence solicited.

P. S. ALEXANDER, Lone Jack, Mo., im-porter and breeder of Cotswold sheep. Satisfac on guaranteed. Call or write.

T. C. LIPPITT, Shenandoah, Iowa, breeder of and dealer in American Merino sheep. Size, constitution and amount of cleansed wool a specialty. Stock rams for sale.

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MERINO SHEEP and Light Brahma fr. McCulley & Bro., Lee's Summit, Mo. Prices reasonable.

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HIGH CLASS POULTRY, Plymouth Rock Black Javas, Partridge Cochins, Brow and White Leghorns, S. S. Hamburgs, Hotdans, Bronze and White Holland Turkey and Pekin Ducks. Stock for sule. Eggs season. Miss Alice Fisher, Hanna City, Peria County, Ill.

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DUROC, or JERSEY RED HOGS, and Large English Berkslifter Plymouth Rock Fowls, all of the very best breed, for sale by W. LEONARD REID, Sandy Bridge, Jefferson Co., Mo. N.B. A fine lot of very early Pigs, now. Eggs for Hatching, \$1.50 per sett-ling (15). A few fine Cockerels, \$2.00 each, delivered in South St. Louis. Write.

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HOGS, Holstein Cattle, Bronze Turkeys
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HOR BERKSHIRE PIGS of the best approved English and American bree families, Windsor Castle, Circneester Sallie, Mancheston of their herds is invited. Hed English and American bred families, Windsor Castle, Circneester Salile, Manchester Lass, Stewart's Cantilena, and Baily's Exquisite. Or, for Light Brahma Fowls, of high quality, address SFRINGER BROS., at "HAW HILL," Springfield, Ill.

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CHESTER WHITE HOGS. H. W. Tonkins, Fenton, St. Louis County, Mo., breeder of improved Chester White pigs. Stock for sale at reasonable prices. Ship from St. Louis.

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Jersey Cattle - Shetland Ponies - All ges. Both sexes. Best families. All colors. s. Best families. All colors. THOS. T. TURNER, 706 Pine St., St. Louis, Mo.

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Court House. TERMS: \$25 the season, in advance. Mares not proving in foal may be returned free next year.

Mare snot proving in foal may be returned free next year.

John House and musele, but his temper and disposition are so perfect that nuy hid each that he position are so perfect that nuy hid each thought of the state of the

### JERSEYVILLE STOCK FARMS.

## Trotting Bred Horses

### STALLIONS IN USE.

EXILE 1143, got by August Belmont 366 (sire of Jon Cossack, 2:28), dam by Mambrino Patchen 58 sire of London, 2:20). Service fee \$25 to insure. CLAY CUYLER 1707, got by Cuyler 100 (sire of Day[Dream, 2:22]-2 at four years), dam by American Clay (sire of Maggie Briggs, 2:27). Service fee \$25 to insure.

\$25 to Insure.

The BROOD MARES are by the following sires: Harold, Cuyler, Princeps, Pancoast (2:25 1-4), Albion, Woodford Mambrino (2:21 1-2), Alexander's Norman, Woodford Abdallah, Kentucky Rocket, Ben Patchen, Blood Chief, and Clark Chief, Jr.

Young Stock, Matched Pairs, and good Driving Horses for sale at all times.

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PRAIRIE-DU-CHIEN, WIS., Has the following STALLIONS for public ser-

SPRAGUE PILOT, 2458, Dark brown horse, 15½ hands, high, foaled 1879, sired by Governor Sprague (five-year old record 2:23½, son of Rhode Island, record 2:23½), dam Lady Temple, by Pilot Temple, (record 2:4½, son of Pilot Jr., sire of the dams of Mand 8., 2:10¼, and Jay Eye See, 2:10¾,) by old Pacing Pilot; 2d dam Glencoe Belie, by Oe Bull (son of old Pacing Pilot); 3d dam Glencona, by imp. Glencoe (thoroughbred). Limited to 10 mares, at \$50 the season.

### Wolfort's Hambletonian,

WOITOF S HAMDISTOMAN,
Chestnut horse, 15% hands high, foaled 1873,
sfred by Hartford Hambletonian (son of Hetzel's Hambletonian, own brother to Volunteer and Sentinel), by Rysdyk's Hambletonian, dam Goshen Maid, record 2313, by
American Star.

Maid, record 2313, by
Kysdyk's Hambletonian is
Eye See, 2:198, Aberdeen, sire of Hattle Woodward, 2:194; Masterlode, sire of Edward, 2:19Jay Go.id, sire of Adele Gould, 2:19; Walkili
Ohief, sire of Dick Swiveller and Great Eastern
both 2:18, and other well-known Hambletovian-Star stallions. This is the first season
in the stud. Limited to 50 mares, at 850 the
season.

senson.

GRACHO, bay colt, 15½ hands, fouled 1828, shed by Flaco (son of Trojan, by Brignoli, remaining the first of the f

GRAND COMBINATION SALE

--OF---

Centralia, Boone County, Mo.,

August 7, 1884, K.H.Allen, Stephen Hayward and Jas.H Parker will sell seventy head of Thorough-bred Shorthorns of the following noted fam-

MARY ANNS, LADY CAROLINES, YOUNG MARYS, STRAWBERRIES, BLOOMS, DAISIES, AND OTHER NO-

These herds have been topped for years with the choicest Young Mary, Rose of Sharnon and Princess Bulls, and among them will be found some fine show animals, excellent breeders and good milkers. No Barren or Overfed Animals

WILL BE SOLD. Every cow sold will have produce by her side to show exactly how she breeds. Oata-logues ready July 1b. Will be sent on application to K. H. ALLEN, Columbia, Boone, Co, Mo.



The Largest and Choicest Herd in the

World.
700 head now in our stables, in quarantine, and to arrive. The importations for 1884 consist of a very extra lot of and to arrive. The importations for 1884 co sist of a very extra lot of Yearling--Bulls and Bull--Calves.

Choice Cows of Noted Strains, Yearling Heifers and Heifer Calves. Every animal was selected by a member of the firm in person. All are fine. No one can afford to buy Holsteins without first seeing this herd or corresponding with us.

### rst seeing this neru of catalogues on application. Catalogues on application. Address, SMITHS & POWELL, Syracuse, N. Y. ELMWOOD JERSEY HERD.

BUTTER THE STANDARD.

and Abram Duke of Sharon at head of herd.

HOLSTEIN CATTLE. Gus. Head, Alton Junction, Ill., breeder of Holstein Cattle, Poland China Hogs, Bronze Turkeys, Langshan and Plymouth Rock Fowls and Colled Bogs. Eggs and Chicks in season.

JACKS.—I have for sale Jacks, Hogs, and grade and thoroughbred Shorthorn bulls.

W. H. BASS, Columbia, Mo.

JERSEY CATTLE, bencheron Horses and grade and thoroughbred Shorthorn bulls.

W. H. BASS, Columbia, Mo.

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JERSEY CATTLE, highly and fashionany and Garden Seeds. L. G. WENIGE, Belleville, Ills.

Jersey can bull calves for sale at read sonable prices. Premium herd St. Louis Fair 1883. Seven first premiums, including again the Holland Turkeys, all pure bred and clept in St. Louis. H. W. Douglass, Pevely, Jefferson Co. Mo.

DR. H. B. BUTTS, Louislana, Pike county, M. B. Butts, Louislana, Pike county, M. B. Butts, Louislana, Pike county, Jefferson Co. Mo.

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STANDARD BRED

FAST TROTTING STALLION, Regina 22, I. H. B., are considered, Royalist Ill. 4500 stands at the sales of the Colman Nursery Co., on the particulars address CHARLES F. MILLS, Springfield, Ills.

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H. V. P. BLOCK, Aberdeen Farm, Pike Co., Percederof by pure and high-bred Percherofs by imported Nappoleon Bonaparted September of Jersey cattle. Fifty head to select from Send for catalogue. Also Bremen geese and Plymouth Rock fowls.

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### Stands at the stables of the Colman Nursery Co., or the Olive Street Road, sive miles from the St. Louis Court House. TERMS: \$25 the season, in advance. Marres not proving in food may be returned free next Of Jersey and Other Cattle. National Horse Exchange,

157 & 459 S. Canal St., Chicago.

MESSES. BRICE & EASTON beg to announce that their first great Combination Sale of Jersey and other Cattle will commence on the above premises Tuesday, ist July.

The sale will begin with Jersey Cattle, but will be continued from day to day provided a sufficient number of entries of Shert-Horns, Herefords, Holsteins or other fine bred Cattle are received.

All persons desirous of making entries for these sales are requested to do so without delay, that the Catalogues may be got out as soon as possible. Entries will not be received later than the 20th June.

For further particulars and form of contract, etc., apply to Messes. Bruce & Easton, 4 West 33 St. St. Cattle of the St. Cattle of th

### JERSEY MILCH STOCK FOR SALE.

One extra fine cow, solid fawn color, full black points, registered in A. J. C. C. H. B.
This cow is three years old and has a fine bull calf also registered, and the cow is again bred to one of the best Jersey Bulls. Two choice grade Jersey cows, one bull calf and one heifer calf five months old. This stock is all solid color, and every head in first class condition. The cows are all fresh in milk. I will sell separately, or in one lot. Price on board cars at St. Louis for the six head \$125.00, or \$20.00 cash, balance when cattle are called for. They have a good pasture and may be left until September 1st, 1834.

Address, GEO. W. BAUMHOFF, Sec'y Lindell Railway Co., St. Louis.

By Mitte Egg, Purple Top, Purple Top Munich, White Flat Dutch, Amber Globe, Pomerian Globe, Yellow Aberdeen, Cow Horn, Golden Ball, Snow-Ball, Rutabagas or Swedes, Bloomsdale, and Sweet German,

Stock shown any day except Slunday.

Good box stalls and pasture at reasonable rates for mares left for service.

Also, RED HOGS for sale.

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R. R. FOSTER, St. Louis, Mo.

## IMPORTED HOLSTEINS.

### 400 to Select From.

Two hundred and fifty Heifers imported this season. Satisfactson in Price and Quality Guaranteed. If possible, come and see them and select for yourself.

Orders Filled to the best of our Ability.

The Holstein is the Milch Cow for this country, nothing can or will equal them. J. W. STILLWELL & CO., Troy, Ohio,

Holstein Cattle, J. A. VANCE, Troy, Ills., tle. Imported and premium stock on hand

### MERINO RAMS.

We have 1,000 Splendid Merino Rams for sale and we propose to sell them at prices satted to the times, at prices, indeed, corresponding with the prices of wool. Come and see them, and if that is not possible, write. G. B. BOTHWELL & DUNTON BROS,

### Purebred Scotch Collies

Whelped April 13, 1884. Sire a son of Imp. Woodlark and Inp. Ellie. Dam by Imp. Struce. All black and tan. Very fine. Price, 10 for females, \$12 for dogs. GEO. F. STRONG, 35 Olive St., St. Louis, Mo.







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(Successors to H.H.Russell)
Warrensburg, Mo., breeders of
oroughbred Poland China Swine. Herd all
corded in A. P. C. Record. Stock warrantlas represented. Special rates by express,
vrrespondence solicited.



Eggs for Hatching Eggs from the best strains of PLYMOUTH ROCK FOWLS, packed with care, so as to be safely shipped to all parts of the country. Price, \$2.00 for 12. Plymouth Eock fowls for sale. Address COLMAN'S RURAL WORLD ST. LOUIS MO.

### For Sale at a Bargain.

We offer for sale, in the county of Lafayette tate of Missouri a No. 1, well equipped Creamery Building, Lands and

Appurtenances.
The above Creamery is known as the
Higginsville Creamery Association, And is located in the town of Higginsville.

Said Creamery is in fine running condition; has a butter-making capacity of twenty-five hundred pounds daily. This Creamery is in the heart of Lafayette County, which is the heart of Missouri.

For information address,

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Higginsville The The

### For Sale or Exchange Suburban Residence Near JERSEYVILLE, ILL.

A splendid opportunity is now offered any one wishing a small farm near Jerseyville, Ill., containing fifty acres, dwelling of nine rooms, good barn and out buildings, good orchard, &c. Situated at the north-east corner of the Jersey County Fair Grounds, one mile from the P. O., three-fourths mile from C. and A. and S. J. W. Depots. This is one of the most desirable places now on sale. The farm is fenced and hedged in six fields or lots, no better place for Dairy or stock parposes of any kind. A splendid place for a butcher, nothing to compare with it obtainable hereabouts for that purpose, so near the city, and will be sold on favorable terms and possession given on short notice. Address ORVILLE A. SNEDEKER, Real Estate agent, Jerseyville, Ill..

### Notice.

In accordance with following resolution of the Board of Trustees of A. and M. College, viz:

Resolved. "That this board advertise and make known the fact, that there will be an election to fill the chair of Horticulture and Eutomology at the College on the third Monday in September next:"

Notice is hereby given of said election. Applications can be filed with me.

T.F. WATSON, Sec'y.

Agricultural College, P. O., Miss.

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ball, Rutabagas or Swedes, Bloomsdale, and Sweet German, Prices on application. Special rates on five counds and over. Address, Michel Plant & Seed Co., 107 N. Broadway, St. Louis.

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RUSHVILLE ROAD CARTS.



DOUBLE ROAD CART. Wide enough to seat two persons; its weigh is one hundred and fifty pounds; suitable to pleasure or business purposes. A. L. EDSON Agt., 820 N. Eighth St., St. Louis, Mo. Price \$55,00,

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No. 7. PHAETON CART. Suitable for Ladies. Has a body same as a Phaeton Buggy, finely upholstered, neat and strong. A. L. EDSON, 820 N. Eighth St., St. Louis, Mo. Price \$75.

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Pole Carts.
Neiswang ar Broa.
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IN COUNTRY OR CITY, CAN-VASSING FOR





## The Kome Circle.

THE ANCIENT MINER'S STORY. h, yes, I'm fixed as solid, sir, as most o

At least the coyote, Poverty, has ceased to sniff at me: That mine is worth a million down-that is, it

is to-day; What it might cost to-morrow, though, couldn't exactly say.

A boy in old Connecticut-this dream I used to hold; What if the cellar of our house should spring

aleak with gold, And I from there at any time a shining lump

I've got a cellar in this rock that's just that sort o' thing.

The sum my father slaved for twenty years to pay,
I've taken out of that there hole in less than

nough to give a beneat to all the positions in the Francisco Rev. Geo. A. Warson.

Rev. Geo. A. Warson.

But mother's struck a lead of gold in quite a different place.

was a charming witch),
And prospect on what we would do when I
had "struck it rich."

After to you, Noah. An anecdote, if
you please.
They were engaged. Pleasure and
amusement was the order of the day. But her old father hadn't the heart to let us

marry poor, So I shook off Yankee dust and took a West-

My trip it lasted several years. The old man grieved, no doubt;
I swore I never would come back till I could buy him out.

You don't know what it is to dig from day t

tapered to an end;
I wondered on it for a while; then wrote schoolboy friend;

And just as I had struck this mine, and my old heart beat high,
There came a letter up the gulch—it was my friend's reply.

'She's been a wandering in her mind; the She went within the asylum walls, as crazy

as a loon." A rush across the barren plain, a snailish

railroad ride, And I was at the asylum, too, a kneeling at I thought she knew me, just at first; but soon

she shrank away, never looked at me again, whatever I

says "My love will come to me when he

No word or look for me. Oh, but the Eastern something seemed to always say, "Go back and love your gold."

back and love your gold!"

And I came back; and in this hut my purpose is to stay—
A miser with his treasure bright already stowed away.

I'm president, cashier, and board of quite

weathy oank,
With none except myself to please—and no
one else to thank;

But nothing makes my heart beat fast-and I With not a thing to love or leave except this le of gold.

And that I'm poorer now than through those

Lappy days in which
I owned a heart, and did not know that I had

### Watson versus Guyot.

I deeply sympathize with poor afflicted I deeply sympathize with poor afflicted Guyot, who so justly grieves over the sufferings that he is under the dire necessity of inflicting on the members of the Home Circle. Under such circumstances, it would, indeed, be cruel in me to bear on the crushed reed with too heavy a hand. Grief, in rough natures, is wont to exhaust itself in such choice language as "befuddled, etc.," and when you wrote that sentence, you must have been badly befogged. Webster does not give befuddle. But now to the main point at issue. No connective is needed after "conviction," merely add: in the mind of those persons designated by "us." present spelling limits and the sum of the sum o after "conviction," merely add: in the minds of those persons designated by "us." "Or failing that," has its proper place in my criticism; but in your poetry, these words are worse than out of place, they are unsuitable; as they deny, without any qualifying terms, what "convincing us" had before affirmed, and this in a "had before affirmed, and this in a ns "nad before all mined, and many and dependent clause of the same sentence or construction, because that of "failing that," has "convincing us" for its antecedent, or rather the whole of the tenth line.

In the RURAL WORLD of June 12th, Guyot makes the following admission: What I meant to say, stated in plain prose, is this: "Confused man! I judge prose, is this: "Confused man: I judge ere long that you will try to convince us that laughter's but a sigh, or failing in that, attempt (laproved by you will attempt) something more difficult by urging that your wit provoked a grin. The admission: "What I meant to say," in

Lloyd Guyot? You sign what suits your taste. I do no more; I sign what suits my taste. Is it not drivelling folly on your part, to descend to such silly remarks in a criticism, in which we might nably expect something more man-predominate. But it is on a par ly to predominate. But it is on a par with your hypercritical remarks, in re-gard to what constitutes the beginning of a line

faline. One more remark. It is a trick of a worsted man to ery: "Pedan against his more successful adversary. A man who properly uses his knowl-lge when the occasion demands it, cannot be said to be pedantic. I plead in-nocent to the charge of pedantry. It, have I always despised in thought, word and action. I do not remember have boasted of my knowledge of Latin.

French, German, or even of Ceptic, about which I know nothing.

Dos't thou, my friend, rashly deem, it a specimen of pedantry, that I should so graciously and cendescendingly deign to abuse myself, so far, as to beseen the to pay,

I've taken out of that there hole in less than half a day;

If I could lead him up you path, I'd make him smile, at least;

But his old labor-hardened hands are moldering in the East.

I,d pack my mother up this hill, and open to her view nough to give a benefit to all the poor she knew;

I'd nan a heap o' happiness out of her dear abuse myself, so far, as to beseech thee to saddie up Pegasus, to mount this mistry, yea and moreover, this fiery steed, and then to cavalierly charge and plunge through the evanescent lucubrations of poetic hallucinations; and to grasp, with a firm and a grim grip, the nothingness of all sublunary things. No, my friend. Forbid it, all ye gods! of the upper, the middle and lower regions. But instead, let our glorious Fourth of July Flag, forever wave over the Homes of the Free and the Brave.

I have been keenly delighted and glor-iously pleased with Noah's last effusion. It wafts me back again, as it were, different place.

My girl; well, maybe this is soft; but since the question's put,
(I wouldn't tell it to any one except a "tenderfoot").

We used to climb those Eastern hills (she was a charming witch),

The different place.

It wafts me back again, as it were, through the bright scenes and happy recollections of childhood's days. Thanks to you, Noah. N. B., I'll be after you though, for your first effusion. I suppose the editor has mislayed it.

After to you, Noah. An anecdote, if you please.

amusement was the order of the day. In their jaunt, they were nearing a drug store, when the young man inhaled the bewitching odor of a first class Havana. "Excuse me, love! a moment." "No, my dear! for love of me, forego the gratification; let us economize." They ing dear: for love of me, forego the gratification; let us economize." They passed on. The youth a sadder, if not a wiser man. The events of human life have their ebb and their flow. So in this case. On their way home, they came day,
To strike a vein that almost shows, then dodges clean away.
You do? Well, yes, but have you starved, and begged, and almost died,
With treasures that you couldn't find heaped up on every side?

With treasures that you couldn't find heaped up on every side?

With treasures that you couldn't find heaped up on every side?

With treasures that you couldn't find heaped up on every side?

We have been bettern way nome, they came near an ice cream saloon. The young man brightened up and said: "I was just on the point of inviting you to step in and take a plate of ice cream. But, no, my dear! for love of me, forego the gratification. Let us economize." He never saw a madder girl. Many months and then her letters wandered, like; then came and passed, before again he dared to use the word economize. G. A. W.

DEAR HOME CIRCLE: Some time ago I sought admission to the Circle, and by the kindness of the Ed., received it.

I appeared once, and owing to a change of situations was deprived of the infinite pleasure of reading the Circle until now.

until now I have been attending school, at the East Illinois College, Darville, Ill., since the first of April, and have just re-

turned to my native county (St. Clair.)
If not out of place, I will say a few words about Danville. It is situated on the Big Yermillion river in Vermillion county, about four miles from the State line between Illinois and Indiana. It is a beautiful city of about 12,000 inhabit-

ants, containing thirteen churches, and, we are sorry to say, about double that number of saloons. Three railroads center in Danville, and Three railroads center in Danville, and it is under-laid by rich beds of coal where thousands of tons of bituminous coal are mined daily. There are two daily papers published in Danville. It has water-works, and a street railway, and is lighted by electricity, the lights being placed on towers which are from seventy-five to one hundred and twenty-five feet high, from ton of which acfive feet high, from top of which, ac-cording to an article published by one of

the papers there, a person can have a splendid view of the surrounding country. It is stated that Springfield could be so plainly seen that one could see one of Gov. Hamilton's red flannel undershirts having one live in the back round. shirts hanging on a line in the back yard of the executive mansion-it was recognized as his by its having his name blown

But I have learned a thing or two; I know, as sure as fate,
When we lock up our lives for wealth, the gold key comes too late;

"The back.

"Yes, Tom, you are right in supposing that I was a teacher, if I was not a schoolma'am. I am glad to see several teachers are writing for the Circle.

il men and women?

He must remember that the old meth-

'in on my feet again. ready for a race.

sure as my nom de plume is

MARY GLENDOLEN. Fulton, Mo.

### Nicholson-Arner. [From Missourl Republican, June 26.]

The engagement of Mr. Frank Nicholon and Miss Katie Ruth Arner, culminated in their nuptials yesterday, the ceremony taking place at the residence of the bride's uncle, Col. Norman J. Colman, on the Olive street road, near Union avenue. It was intended to have a very quiet and unostentatious wedding, but the great neoulastic and resultation. but the great popularity and peculiarly high standing of the contracting parties, resulted in an unlooked for and very notable gathering. The parlors of the pretty "shelter" were crowded with friends, relatives and intimates of the bride and great and the great and th bride and groom, and the ceremony which was performed by Rev. P. G. Robert, of the Church of the Holy Com-Robert, of the Church of the Holy Communion, was most impressive, and was listened to with great attention, the words of the beautiful marriage service of the Episcopal church never receiving a more fitting or interesting application. Col. Norman J. Colman gave the bride away, she being attended by two little mites of bridemaids—Miss Clara Colman and Miss Mamie Cummings. Prof. W. B. Potter was the groom's best man. After the ceremony the guests were invited to partake of a very fine collation which was appreciatively discussed.

BY MRS. R. E. F. M., RICHFIELD, MINN. It should be the aim of every housekeeper to make the home pleasant, and keep its inmates healthy and happy. Every person needs pure air, good water, and suitable food. The air out of doors is not always pure, for many men think it handy to have the stable, and the pig pen, with its accompanying swill tub, near the kitchen door. It is certain-ly within the housekeeper's province to enter a vigorous protest against such

nuisances.

She is supposed to have full control of the in-door's work, and should see that all waste matter from the house is effectually disposed of, and that fresh earth, copperas water, chloride of lime, and other purifiers are used wherever needed about the premises. If it is impossible

about the premises. If it is impossible to obtain a supply of good water, poor water may be improved by boiling and then cooling it before using.

The preparation of food is a fruitful subject, as the multitude of cookery books bear witness. One may learn from them how to make dozens of different kinds of pickles, preserves, pies, puddings and cakes; and if she can afford to buy the materials, and will use them with schoolma'am. I am glad to see several teachers are writing for the Circle.
Your method of stopping tale-bearing is good. We should also try to educate the parents to look upon the position of the teacher in its true light. We should show them the needs of the teacher and the necessity of paying the teachers better salaries.

Teachers, as a class, are paid about the poorest for their services of any other profession, for who ever heard of any body getting rich by teaching school?
Were the teachers paid better, they could better fit themselves for the profession.

You stand on exactly the same ground as I do in regard to corporal punishment.

Allbee's lessons on phrenology are good, but I must say he seems rather behind times in regard to educational matters.
He says. "Language is cramped by the present system of education. This compelling little children to sit on a bench and say 'a' was never calculated to develope Language."

patient care, she may in time, become so that in the dinties, that she will destroy their taste for plain food, and the doctor's bills and the grocer's bills will be nearly equal. If, on the contrary, she takes a sensible will be good bread, and in making it, one must add to knowledge patience, and to patience experience. To attain the best results one must use good flour, good yeast, good fuel, and good sense. Although the housekeeper may do her duties to be prepared for sickness and accidents. She should keep a roll of including and healing for sores. Old kid gloves make good cots for sore florgers. For bunns, pelling little children to sit on a bench and say 'a' was never calculated to develope Language."

ters.

He says, "Language is cramped by the present system of education. This compelling little children to sit on a bench and say 'a' was never calculated to develope Language."

Now, if our worthy friend was a little better versed in the "present system of education," he would not say it was a suppression of any of the faculties; for what is education but a training of all the faculties which tend to make us useful me and women? the faculties which tend to make us useful men and women?

He must remember that the old method of "compelling little children to sit on a bench and say 'a' "is a thing of the past, and has been displaced by methods which develope instead of suppressing Language.

SMITHERS.

Dying, yet not Dead—"Poor Girl."

Finding I was not thrown in the waste basket to kindle the fire with, I am here on my feet again. ready for a race.

Bon seems to think that school girl is.

—and for outward application to relieve in inflammation. A box of ground flaxseed is useful for poutties.

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ing that your wife provoked a grin. The admission: "What I meant to say," in meant to say," in reference to the four lines of poetry remarked by you in the RURAL World Dot June 12th, is tellingly correct, as those four lines of poetry dangerous than he thought for, when he asked some one of that class to four lines of poetry do not express what purpose rendition of them does express. I do not imagine that any intelligent man would maintain that the two following sentences are identical in meaning—"You'll try convincing us that laughter's but a sigh," And, "You will not extract attention, but the Terrible." One day of the thirty of convince us that laughter's but a sigh," And, "You will not attract attention, the case is different, since it is not affirmed "you my prose rendition of them does express. I do not imagine that any intelligent man would maintain that the two following sentences are identical in meaning—"You'll try convincing us that laughter's but a sigh," And, "You will not attract attention wherever leave that grant and the property of the p and follow his instructions to the letter.

Be the housekeeper rich or poor, she should strive to be thrifty and economic cal. Always buy necessities first—and avoid debt. Never be ashamed of small savings. When one has given a guest the best she can afford, it is unnecessary to add an apology for what seems to be lacking. The housekeeper can do much to control the moral atmosphere of the home. If she is unreasonable and faultified in the others, they will be so towards her. If she is cross and frefful, her mood will be contagious, and family jars will be frequent enough to keep every mental and one that no intelligent physician would and and at the same and one that no intelligent physician would refuse to sanction or recommend; in fact, two thirds of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians of two thirds of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians' prescriptions, and is not classed in the same category with patent or proprietary medicines. There can be no doubt that in pound of flour is worth five pounds of leaching. The housekeeper can do much to control the moral atmosphere of the home. If she is unreasonable and faulting with the others, they will be so towards her. If she is cross and frefful, her mood will be contagious, and family jars will be frequent enough to keep every large of the control of the world in the Sametion or recommend; in fact, two thirds of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians will the same date of sanction or recommend; in fact, two thirds of the Dr. Harter's Iron Tonicsoid in the North, East and West, is through physicians' prescriptions, and is not classed in the North, East and West, is through physicians' prescriptions, and is not classed in the North, East and West, is through physic

Change of employment is oftentimes structure of his frame is that of one fitrestful, and it is less tiresome to do
sewing, some housework, some
each day, than to devote the entire time

structure of his frame is that of one fitted to a purely vegetable diet in every
essential particular."

The monkey race and the herb-eating

orderly habits are a great help to ward the saving of time and strength. To know the best way of doing each particular task is likewise a great help and it is a good thing to learn by the experience of others, as well as by our

The woman's department of the newspapers may be a great help to us here, and we should all be ready to give, as well as receive, and so make of it a re-

In "Walnut Hog Ranch," a week or two ago, for "pealed" read peeled, for "never" read ne'er, for "ham" read haw, for "darkest" read dankest.

## Good Health, Etc.

wited to partake of a very fine collation which was appreciatively discussed. Later in the evening Mr. and Mrs. soup and then came a dish of grated Nicholson departed for Texas, where they will visit the groom's father and mother. The bride is a lovely demi-bloude, and looked very handsome in her elegant and tasteful costume of white embroidered mull. She will be remembered as the young lady who made so great an impression in the recent performance of the classic comedy at Memorial hall, she sustaining the part of the slave Trachalio. Week before last she graduated from Washington university with unusual high honors. Mr. Frank Vicholson is also a recent graduate of gard muffins and crumpers without butter. During the forty years that have same institution, and a short time since had conferred upon him the degree of master of science, the only one as yet who has ever achieved that honor at that institution.

Amongst those present yesterday were Col., Norman J. Colman and wife, Miss Laura Colman, Miss Clara Colman, Miss Laura Colman, Miss Clara Colman, Miss Laura Golman, Miss Clara Colman, Miss Laura Colman, Miss Clara Colman, Mr. Howard Blossom and wife, grated Parmesan. The same with the O.D. Harris and Miss Ella Harris of Ste. many varieties of paste, of which macaman, Capt. and Mrs. Evans, Mr. and Mrs. O. D. Gray, Misses Julia and Nancy Turner, Mrs. S. Cabanne, Miss Susie Cabanne, Mrs. Jawiliams, Miss Emma Williams, Miss Lippmann, Mrs. Lachmund, Mr. and Mrs. Jas. Harris, Miss Bouton, Miss Logan, Messrs. C. D. Colman, Prank P. Colman, Pope Yeatman, Carey Huchinson, David L. Reed, Edwin Jacobs and others. by prepared in England by depositing macaroni in a pie dish and then covering it with a stratum of grated cheese, and placing this in an oven or before a fire until the cheese is desiccated, browned and converted into a horny, caseous form of earbon that would induce cheen.

### form of carbon that would induce chron

ic dyspepsia in the stomach of a wild boar if he fed upon it a week." How Oatmeal is Made. "The first operation in the manufacture of the meal, is the removing from the oats all cockle, small oats and foreign seeds of whatever kind, for if any of these remain, the quality of the meal is much injured. Black oats, if even of good quality, give a bad appearance to the manufactured meal, as it reappears in the form of black particles, which, to the tidy housewife, appears to be a something much more nuclearly. After the tidy housewife, appears to be a some-thing much more uncleanly. After the oats have been properly cleaned by sifting, they are subjected to the operation of drying. This is accomplished in dry of drying. This is accomplished in dry kilns, with special apparatus constructed for the purpose. This operation requires some care to prevent the oats from burning. As soon as sufficiently dry, they are removed from the kilns while still part but and stored in such a way as to very hot, and stored in such a way as to have them retain their heat; after thus remaining three or four days and hard-ening, they are ready for the shelling operation. This shelling is accom-plished by passing the oats through millstones of a special pattern. The product that comes from the stones is dings and cakes; and will use them with buy the materials, and will use them with patient care, she may in time, become so skilful in furnishing the family with dainties, that she will destroy their taste for plain food, and the doctor's bills and the grocer's bills will be nearly equal. If, on the contrary, she takes a sensible course, the first article on the food list other material, and are then ready for grinding. For extra quality meal, the grinding. For extra quality meal, the groats may be shelled and also passed through a brushing machine. The grinding of them must not be long delayed, as a few weeks' exposure renders them unfit for milling. In grinding the groat, the great aim is to avoid pulverization, and to have the granules cut square and of uniform size. Oatmeal is generally denominated by the cut—as nin-bead cut. nominated by the cut-as pin-head cutrough cut, medium and fine cut-though these terms have different meanings in different districts. After the grinding, the meal is passed through sieves, and the siftings graded according to size."

It does not devolve on baker or miller to prove the superiority of bread over meat. From the memoirs of the Royal Society of France, we find that Dr. Geoffry—an eminent French physician and professor of chemistry in the best of French educational institutions--has done this very thing, and made an exhaustive series of experiments to decide upon the relative proportion of nourishment in the two. We have no room here to publish the entire table, which he furnishes as the results of his labors, but an extract will serve our purpose. He finds the following nutriment in

camel have canine teeth much more highly developed than they are in man, and who is willing to declare that the monkey or camel should eat meat in order to be vigorous?

After years of total abstinence from animal food of all kinds, Dr. W. A. Alcott, well known in New England, says:

"I have no doubt of the yest impor-

"I have no doubts of the vast impor tance that would result to mankind from the universal and exclusive use of vege-table food. I believe such a course would be the means of improving our race physically, intellectually and moral-ly beyond anything of which the world has yet conceived. has yet conceived

'Our proof," says Rousseau, "that the taste of meat is not natural to the human palate is the indifference which children have for that kind of food and the prefer-ence they give to vegetable aliments, ence they give to vegetable alime such as milk, pastry, bread, fruit, etc.

-The human race still survives. How his can be is unexplained by nineteenth century science, which gives us full details of the many methods by which we are daily poisoned. A perusal of the list of adulterations is enough to make the most careless liver shudder. Our atmosphere, says science, is unhealthy, our food is adulterated, and our drink is poisoned. Our drink is poisoned. poisoned. Our drain pipes supply us with foul gases from the papers cast arsenic into the air, and our clothes contain poisonous dyes. Bread and butter, tea and coffee, sugar and sweets, and general groceries are all condemned as being adulterated. Sugar and sweets hold not only glucose, but matter of a very injurious nature, such as limestone. Tea is a mixture of dyeas intestone. Tea is a mixture of dye-stuffs—a compound of arsenic and other poisons. Coffee is not much better, be-ing colored with chrome yellow, Prussian blue, yellow ochre, umber, Venetian red, lamp black, gum arabic, soapstone and charcoal. In medicine, one-twentieth of a grain arsenious acid is consider eth of a grain arsenious acid is consider-ed a heavy dose. Analysis has shown that a cup of coffee made from the dyed bean contains one-sixth of a grain! Flour is either white clay or ground chalk. Meat teems with trichine or tapeworm. Canned chicken is made from veal. Sardines, fresh from Italy, packed on the coast of Maine. Fre packed on the coast of Maine. French wine, fifty years old, is made at home from logwood and petroleum. Beer and spirits are manufactured of still more bjectionable materials. Even honey is mocent of the bee, butter has never innocent of the bee, butter has never known the cow, and mustard is made up from napthaline yellow. Pepper is act-ually dust bread crumbs, and the florid German sausage owes its complexion to red lead. The science of the century, which has detected these triumphs of in genious adulteration does not, however inform us how it is that the race no merely survives, but grows at a truly astonishing rate.—Chicago Grocer.

### Vehicles of Malaria.

Ague is commonly supposed to be due to the entrance into the system of a miasmatic organism. But no microscopist has ever seen this organism, neither can we account for the intermittency of ague paroxysms, nor can we say for certain through what medium it ds an entrance into the system. majority of writers hold the opinion that the air of marshes is the sole cause of intermittent fever. But there exists strong evidence going to show that water, too, is a carrier of the poison. Take, for instance, two or three cases cited in the Lancet, and, at first, the case recorded by Boudin, of three vessels sailing from Algiers to Marseilles, convening 800 colding, who are these where saming from Agreers to Marsenies, conveying 800 soldiers, who on shore had all been exposed to the same atmospheric conditions. Two of these vessels were supplied with good water, but the third with water from a marsh. The two former arrived at Marseilles without a sick man, but the third ship lost thirteen men, and had 120 sick, ninety-eight whom were affected with malar men, and had 120 sick, ninety-eight of whom were affected with malaria. Again, there is the outbreak of ague at Tilbury Fort in 1872, cited in Parkes' "Hygiene," where thirty-four men out of a garrison of 103 were seized with station and the coast guard men and their families just outside the fort entirely escaped. The troops had been supplied with water stored in tanks, collected from the rain water of the roofs while the people outside obtained roofs, while the people outside obtained theirs from a spring, the atmospheric conditions in both cases, being identical. s, being identical. -Popular Science Monthly.

### Decline of Man.

Nervous Weakness, Dyspepsia, Impotence, Sexual Debility, cured by "Wells Health Renewer." \$1.

### Sundries.

A New York optician says that he has a astomer who keeps six pairs of spectacles in ear, reading with one, writing with another, and having duplicates of all three in fine frames for occasions when full dress seems necessary.

Jacob H. Jones, a farmer near Norborne. Mo., has had a son cured of congenital club-feet at Drs. Dickerson & Stark's Surgical Institute at Kansas City.

disease, diabetes, retention, or inability to retain urine, and all the diseases and ail-ments peculiar to Women"—. The following ages have on the authority

of skilled arborculturists, been attained by trees: yew, 3200 years; schubertia, 3000; celar, 2000; oak, 1500; spruce, 1200; lime, 1100; Oriental plane, 1000; walnut, 900; olive and cypress, 800; orange, 630; maple, 500; and elm

Steel pens are usually made of the finest and most costly metal, and in some Europe-an countries those which have been used are carefully saved and utilized in the manufacture of watch-springs, fine knives, &c. In this country we throw them away by the ton. Iron and calisaya bark have long been es-

teemed by the medical profession as amon the most reliable of tonics, and when the celebrated Dr. Harter conceived the idea of combining them with phosphates, he formed a tonic that has proved beyond any question Taking these figures as a basis, our to be superior to any offered to the public grocers might sell their flour at the rate and one that no intelligent physician would refuse to sanction or recommend; in fact, two thirds of the Dr. Harter's Iron Tonic sold

### DR. JOHN BULL'S Smith's Tonic Syrup

FOR THE CURE OF **FEVER** and **ACUE** Or CHILLS and FEVER,

AND ALL MALARIAL DISEASES.

The proprietor of this celebrated medicine justly claims for it a superiority over all remedies ever offered to the public for the SAFE, CRETAIN, SPEEDY and PEEMABERT cure of Ague and Fever, or Chills and Fever, whether of sheet or long standing. He refers to the entire Western and Southern country to bear him testimony to the truth of the assertion that in no case whatever will it fail to cure if the directions are strictly followed and carried out. In a great many cases a single dose has In a great many cases a single dose has been sufficient for a cure, and whole fami-In a great many cases a single dose has been smilloien for a oure, and whole families have been cured by a single bottle, with a perfect restoration of the general health. It is, hewever, prudent, and in every case more certain to cure, if its use is continued in smaller doses for a week or two after the disease has been checked, more especially in difficult and long-standing cases. Usually this medicine will not require any sid to keep the bowels in good order. Should the patient, however, require a cathartic medicine, after having taken three or four doses of the Tonic, a single dose of BULL'S VEGETABLE FAMILY PILLS will be sufficient. \*\*

deient. \*

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and Scrotulous affections—the King of
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DR. JOHN BULL'S VEGETABLE WORM

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### CAIN Health and Happiness. 2 DO AS OTHERS HAVE DONE. How

Are your Kidneys disordered

Are your nerves weak? Have you Bright's Disease Suffering from Diabetes?

Have you Liver Complaint I prayed to die."
Henry Ward, late Col. 69th Nat. Guard, N. Y Is your Back lame and aching

roll out of bed."

C.M. Tallmage, Milwankee, Wi Have you Kidney Disease "Kidney-Wort made me sound in liver and kidney Are you Constipated? ort causes easy evacuations and cur-years use of other medicines." Nelson Fairchild, St. Albans, V

Have you Malaria? emody I have ever used in my practice."

Dr. R. K. Clark, South He

Are you Bilious? ly I have ever taken."

Mrs. J. T. Galloway, Elk Flat, Orego Are you tormented with Piles'

S. Dr. W. C. Kline recommended it to Geo. H. Horst, Cashier M. Bank, Myer Are you Rheumatism racked

Ladies, are you suffering? If you would Banish Diseas and gain Health, Take

### KIDNEY-WORT THE BLOOD CLEANSER.

Ask the most eminent physician Of any school, what is the best thing in the world for quieting and allaying all irritation of the nerves, and curing all forms of nervous complaints, giving natural, childlike refresh

ing sleep always?
And they will tell you unhesitatingly "Some form of Hops!!!" CHAPTER I.
Ask any or all of the most eminent physi

"What is the best and only remedy that can be relied on to cure all diseases of the kidgeys and urinary organs; such as Bright's

"And they will tell you explicitly and emhatically "Buchu!!!"

Ask the same physicians "What is the most reliable and surest curfor all liver diseases or dyspepsia; constipa tion, indigestion, bilious ague, etc.," and they wi

audin, indigestion, billousness, malaria, fever, ague, etc.," and they will tell you:

"Mandrake! or Dandelion!!!!"
Hence, when these remedies are combined with others equally valuable,
And compounded into Hop Bitters, such a wonderful and mysterious curative power is developed, which is so varied in its operations that no disease or ill health can possibly exist or resist its power, and yet it is Harmless for the most frail woman, weak-est invalid or smallest child to use.

CHAPTER II.

"Almost dead or nearly the properties, of Bright's and other kidney diseases, liver compleints, severe coughs, called consumption, have been cured.

Women gone nearly crasy!!!!!
From agony of neuralgia, nervousness, wakefulness, and various diseases peculiar to women.
People drawn out of shape from excruciating pangs of rheumatism, infiammatory and chronic, or suffering from scrofula.

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"Saltrheum, blood poisoning, dyspepsia, indigestion, and, in fact, almost all diseases

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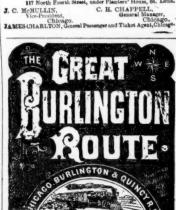
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## Che Dairp.

### Officers Mississippi Valley Dairy and Creamery Association.

Belleville, Ills.

the season's business and afford me time for a little needed rest. After, that, however, you will very soon see me at it again with all the vim I can put into the business.

The New Cambria creamery is making 430 lbs. butter daily, are running six and a half teams, i. e. one only runs half a day. They pay now 12 cents per guage; and the gathering, making, freight and commission makes the net cost at least 17 1-2 cents per pound. This creamery and those at Kirksville and Table Rock are already paying institutions. Macon will come out all right, but the Brownsville people are a little slow and some of them seem somewhat indifferent. They will come out all right, however, in a little time, as they see the working, and the saving of labor to themselves."

This is pleasant news and we hope to hear more of a similar character in the near future.

A Precocious Butter Maker.

L. Z. Rogers has on his farm near this.

### A Precocious Butter Maker.

L. Z. Rogers has on his farm near this L. Z. Rogers has on his farm hear this village, a 16 months grade Jersey heifer out of William Jackson's thoroughbred Jersey bull, Captain, No. 7,329, that has never been bred yet. She has been making bag for a long time, and on May I was milked, giving one quart. Since then she has been milked regularly twice a day, giving at first a pint, and now then she has been milked regularly twice a day, giving at first a pint, and now that the grass is improving, is giving one quart at a milking. Last week her milk was set for five and one half days, and made thirteen and one-half ounces of as nice butter as was ever seen. When the grass is well started she will be again tried, and see what she can do. The

At Cooper's sale, nine sold for more than one thousand dollars, and two of these sold for \$2,000. At the Kellog sale, the highest price reached was \$1,500.

### A Cow's Yearly Product.

President—Norman J. Colman, St. Louis.
Vice President—Jos. W. Drury, Waterloo, III.
Second Vice President—Joseph E. Miller,
Belleville, IIIs.
Treasurer—Wm. N. Tivy, 424 North Second
St. Louis.

A comparison of the value of a cow's product during a whole season as affected by the manner of disposing of the milk may be of interest. While the figures vary considerably, it should be rembered that the cost of the milk also varies to some extent, chiefly through the secretary—Joseph W. Sheppard, 600 Olive street St. Louis.

The DeLaval Cream Separator advertised on this page will be found a most useful machine for the dairyman. It has been thoroughly tried in Pennsylvania and given the best of satisfaction. One dairyman at Elgin, Ills., is so pleased with its working that he has already fourteen of them in use. It is, indeed. spoken highly of by all who have tried it or seen it in operation.

Missouri Creameries.

membered that the cost of the milk also varies to some extent, chiefly through the varie to some extent, chiefly through the varies to some extent, chiefly through the value of the land and other circumstances. The usual price returned to the patrons of the cheese factories in New York is now 75c per 100 lbs., equal to \$1.65 per 100 quarts, or one cent 6 1-2 mills per quart. The following statement given in the Orange County Farmer by a milk dairyman abows the returns from milk sold in a city market:

For two years past I have been engaged in the business of shipping milk to New York, and have observed the variations from month on month on the flow of milk. The statement I append

Missouri Creameries.

Mr. J. J. Smith, the creamery builder of Brownsville, Mo., who has advertised his business so extensively in the Rural World for mouths past, in making remittance therefor last week had this among other things to say:

"Am nearly over my rush, have one more trip to make and that will wind up the season's business and afford me time for a little needed rest. After; that, how-

Dairy Notes,

Garget or caked bag is often a trouble that goes along with the best cows of the proximating in evenness the above figures. But we will not quarrel with the good cow ought to do. The result is just about twice as good as that from the factory dairy. The result given from butter making is too good by one-fourth, and taking the price of butter for the present year at 21 cents the yield would be \$66. The comparison would then appear as \$41.56 from the factory dairy. See from the factory dairy. The result given from butter making is too good by one-fourth, and taking the price of butter for the present year at 21 cents the yield would be \$66. The comparison would then appear as \$41.56 from the factory dairy. appear as \$4.50 from the factory dairy, \$66 from the butter dairy, and \$85.40 from the milk dairy. At least \$10 should be deducted from the butter dairy to pay for the extra labor of churning and caring for the milk and utensils.

When a cow can be kept on one acre, the factory and butter dairies rull.

dark. The call is without any dark shades, a fair lemon fawn-and-white, with as buff a nose and handsome a triangle in the forehead as would satisfy a Guernseyman of to-day. It would be easier to reproduce this group at the present time in Guernsey or Alderney than in Jersey, so completely have the prominent characteristicties been bredfout; but as the latter is in Jersey so it is an

ing the milk of the whole herd together; in delivering the milk at the factory the cows are all lumped off together; no effort is made to find out individual excellence or individual worthlessness. There are few herds of twenty cows that do not contain three to five worthless cows that do not pay their keeping, although having the same care and expense bestowed upon them as the rest. We have often greatly wondered at the absolute neglect of the general dairyman to learn the individual charactor of his cows. If he knows of a cow that yields, through the season, a large amount of very foundation on which the idea of

galion, skimmed milk 8 pounds 9 ounces, cream 8 pounds 4 ounces, buttermilk 8 pounds 8 1-2 ounces, and water 8 pounds 5 ounces. Those who believe in testing milk by the lactometer, or any specific gravity test, will observe that three gallons of skimmed milk and 1 gallon of water will have the same are self-server in the same are self-server. water will have the same specific gravity as a gallon of milk.

to learn the individual charactor of his cows. If he knows of a cow that yields, through the season, a large amount of milk, he holds her of very exceptional value, and still is not prompted to take the small amount of labor required to learn the yield of each cow in the herd. With a pair of accurate spring scales (which most dairymen have) hung in the stable, the milk of each cow may be hung on and weighed in a moment. A small book is kept with the name or number of each cow in it, against which the wight of the milk is placed. This weighing is done one day in each week, say on Wednesday. These several weighings being added together, and divided by the number of weighings, give a sufficiently accurate average yield of milk through the season. And if the dairy is kept wholly for quantity, being delivered at the factory for cheese, this will be all that is required.

In a dairy of twenty cows, it has often best cows. These poor cows must sometimes to the whole profit on two of the best cows. These poor cows must and the profit was all paid by seven or eight cows, three to five been found that the profit was all paid by seven or eight cows, the son found that the profit was all paid by seven or eight cows, three to five been found that the profit was all paid by seven or eight cows, the son found that the profit was all paid by seven or eight cows, three to five been found that the profit on two of the best cows. These poor cows must be got rid of. It would be better to give a ment of the way than to keep them. If they have been in the herd three years, they have been in the herd three years, they have been in the herd soff.—National Live-Stock Journal.

Dairy Notes.

—Garget or caked bag is often a trouble.

Dairy Notes.

—Garget or caked bag is often a trouble.

## Che Pig Pen.

### Standard Red Hogs.

one quart at a milking. Last week her milk was test for rive and one half dand one half and one half as a gallon of the milk and duesile one acreating for the milk and one half as a gallon of milk.

One of the milk and one half as a gallon of the milk and duesile one acreating for the milk and one half as a gallon of milk.

One of the use of cat meal tor cows, says a dairy writer, mention is not often made a fairy writer, mention is not often made in the clowing from Col. F. D. Curtis, of the milk and duesile country. The highest lense to the ground when he is milking and easily looks over her back.

Werly, Captain is a wonderful dam if the first sentence in the above be true, more so indeed than the get is a precocious butter maker.

\*\*Netly, Captain is a wonderful dam if the first sentence in the above be true, more so indeed than the get is a precocious butter maker.

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\*\*Netly, Captain is a wonderful dam if the first sentence in the above be true, more so indeed than the get is a precocious butter maker.

\*\*It the tollowing true the following standard adoption to the question of color in their Jersey pets to examine the costly in the first sentence in the above water with the salt make by the acknowledged useful sensor of the production to make the first se Each competition must dentity abort the salt must be pick American Daily and the salt must be pick and

# In listening to the remarkable stories now afloat of the productions of certain Jerseys, people are apt to forget that a great producer may be found in many herds supposed to be very common. Dairymen know so little of their own cows, except what they learn by massing the milk of the whole herd together; in delivering the milk at the factory the

Patentee and Manufacturer of Smith's Portable Creamer, Contractor for and

### Builder of Creameries,

and Agent for Creamery Supplies, such as engines, boilers, churns, workers, and every detail of the Creamery business. Prices low, terms reasonable. Send for full circu J. J. SMITH, Brownsville, Mo.

P. S.—Am now engaged in building six Creameries in Missouri. Consult me before ordering elsewhere.

### DAIRY SUPPLIES.

### DAIRY SALT.

BEST in the WORLD for DAIRY and CREAM-ERY purposes. Sold in bulk, barrels or sacks. J. F. EWING, Agt. Michigan Dairy Salt Co., 105 N. Third St. SL. LOUIS, Mo.

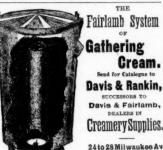
DE LAVAL CREAM SEPARATOR,



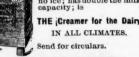
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everything made or finished with it, CHICAGO, ILL. When writing mention this paper



## The Stock Pards.

feekly Review of the Live Stock Market. The receipts and shipments for the week

Monday Tuesday	405 1209 1265	1962 4092 1913	943 3168	123 248 82
	7,811 9,843	24,862 33,697	6,680 8,680	669 557
	вигр.	MENTS.		
	0.1410	Home	Sheep.	Horses and mules.
Wednesday	attle.	Hogs.	1220	122
Thursday	1206	4935	1296	96
Friday	1900	3794	2527	50
Saturday	1117	2647	428	67
Monday	595	7360		98
Tuesday	380	316	103	28
	6,372	21,747	5,574	461
Last week	8,210	21,198	2,357	1,133

The exports of cattle for five days this eek from Boston to Liverpool were 90

Mrs. Langtry has concluded to invest some of her spare cash in a cattle ranch. The largest cattle range in the the country

ds located in Wyoming; it comprises 1,000,00 acres, and will herd 75,000 head of cattle. So far this season, about 12,000 head of cat-tle have been driven into Arizona from New

The trade in dressed meats, it is claimed, notwithstanding the vigorous opposition of eastern butchers is increasing wonderfully.

Great trade in dressed meats, it is claimed, fest, offerings being undesirable—mainly of Jark, mixed, burry and low; sales comparatively few and small. We quote: Tub-washed Official statistics give the number of horses

combing 20 1-2c, fair do 18 1-26 195, clear head, against 10,333,111 head last year, an increase of 331,577. The number of mules in the country is now estimated at 1,914,126 head.

Native cattle in this market have declined thuly 35c this week, and grass cattle of rea! at 12c, 12 and 5 burry at 12½c, 22 low medium a too department of the this week, and grass cattle of rea! at 13c, 9 at 14c, 6 light fine at 14 1-2c, 10 at mach owing to the increased demand from all classes of buyers. all classes of buyers.

of the river has not turned out as many calves this season as last. The cause is not quite clear, the range does not show that the loss has been severe, yet some attribute it to this, others to the fact that the cattle had strayed to the south side of the river, and some to other causes. A large fall branding is however anticipated and owners generally believe that although the outlook for a good calf crop is at this time rather discouraging, the fall round up will bring the season out all right and the crop will show a healthy in crosse over past brandings.

The Chicago Tribune says: As the date.

WHATT-Received, into a 30c, 18 to 20c, 18 st 30c. FLOUR—The market has been a quiet one with little or no change up to Monday, when values weakened and fell off. The demand has been light and confined principally to the fancy grades which were scarce. The lower grades have been neglected, and prices were wholly in buyers favor. We quote: Extra fancy \$5 29c5 40; fancy \$4 90c5 05; choice \$4 25 40; family \$3 40c3 60; XXX\$1 15c3 25; XX\$2 75 20c3 260; superfine \$2 35c2 45; fine \$2 10c2 20, patents \$5 70c6 25.

The Chicago Tribune says: As the date fixed upon by the Live Stock Exchange when there shall be no more docking for pregnant sows and stags draws near, interest in the ish. Speculation was quiet, and prices fluctuations. sold separately. The Commission men are pledged not to submit to any "shrink" and the packers have entered into an agreement not to buy the hogs on any other terms to buy the hogs on any other terms. There is a square issue. Now to simplify per slet the Department of Health declare consumption of the prospect for a magnificent success in the National Cattle Grovers' Convention.

The prospect for a magnificent success in the National Cattle Growers' Convention on the National Cattle Growers' Convention on the National Cattle Growers' Convention on the National Cattle Convention of the National Cattle Convention of the National Cattle Convention of the National Cattle Cat organizations expressing their intention to be present or to be represented. Mr. C. H.
Witte, for the Western Cattle Growers' Association of Kansas writes from Dodge City to Freeman Barnum, chairman of the Hotel Committee, requesting him to engage rooms the Southern for 150 members of his association. This is only a specimen of the way the cattle men are taking hold of the project.

CATTLE—The situation was all table way tures were dull and uninteresting, as little tures were dull and uninteresting, as little

CATTLE—The situation was a little more favorable where grass cattle was concerned, Texas and Indian cattle holding their own, and selling better than heretofore. In no particular was the change very marked, but there was a freer demand, and in many in-stances salesmen found it possible to add a little to prices until quite an advance was recorded. These grades comprised by far the larger proportion of the arrivals, and holders were only too well pleased at the very favorawere only too well pleased at the very favorable condition of the market. The number of good fat steers was light, compared with the receipts, the bulk of which were light and thin steers, and shippers having good fat thin steers, and shippers having good fat to send them to market. Fat native cattle, such as are in request by exporters and Eastern shippers, were very quiet, and fully 35c lower than last week. A few orders were been but the wants of huyers were not urner to the wants of huyers were not urner to send them to define the send to the wants of huyers were not urner to send the wants of huyers were not urner to send the wants of huyers were not urner to send the wants of huyers were not urner to send the wants of huyers were not urner to send the wants of the wants of huyers were not urner to send the wants of the wants bern shipped. A few orders were lower than last week. A few orders were here, but the wants of buyers were not urgent. Fortunately, the supply each day was small, enabling salesmen to get them off their blacks. Medium and the lighter grades of name of the standard and in request by interior send enough to bring price of choice nor poor send e

Market very active, and sales were made 8%c. paying \$3 70@4 75 for Texas and Indian steers \$5 45@6 10 for natives. Values at the close were very strong at the following:

				50	
. 5	00	@	6	10	
. 5	50	@	5	50	
. 5	40	@	6	15	
. 4	25	@	5	75	
. 3	25	0	4	00	
4	40	@	5	00	
. 3	25	0	4	50	
. 4	40	@	5	50	
. 8	25	0	5	00	
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ery day during the past week. The first day, Wednesday, was marked by an advance of 5 to 10c and the market was excited, buy staking hold quickly and paying the ad-ince readily. Yorkers selling in large num bers at \$5 20@5 30, packers \$5 10@5 40, and butchers to extra \$5 25@5 40, pigs bringing \$4 65@4 95. The following day the market de-clined 10 to 15c on all grades and trade was only fairly active, common and mixed being slow. Yorkers sold quite freely at \$5 10@5 20, 26 to 15c before trade showed any life. Ship- at 30c to 40c Deers were the first to take hold and sales to

DRIED FRUIT—A small lot new (?) apples
sold at 5%c; market quiet and easy otherwise.

Apples—fair at 5@5%c, prime to choice at

Yorkers, \$4 90@5 20 for packers, and \$5 20@5 30 at 5%c. Yorkers, \$4 90@59 for packers, and \$6 20@5 30 at 5 \( \) or butchers. Monday's market was still stronger, the advance being higher for butchers and heavies, owing to the demand and lower on interior and damaged, of which being more urgent. Yorkers were in fair request at \$5 15@5 20, packers nominal at \$4 80@ day. Sales of sound Arkansas at 500 \( \psi \) \(

ing freely at \$5 15@5 30 for Yorkers; packers n wild-goose at 50@65c # 1/5-bu box and \$1 25@ little slow at \$4 90@5 35, and butchers to extra | 150 per # 6 gal case; Chicasaw 25@40c # bu

SHEEP-The market during the week ruled bout steady. There was an active competiion among buyers to secure the best qualities which were in small supply and readily oring \$3.75@4.50. Common and thin, however, continues plentful, and are hard to sell at \$2.25@3 in the extreme, while fair and medium sell at \$3.25@3.50. The pens were generally cleared each day.

### Horses and Mules.

	HORSES.	
9	Heavy draught, extra	140@10 160@25 125@15
9	Streeters	160@25 130@16
7	Plugs	
4	34 h and d 44 a 3 m and ald	

WOOL-Steady. But little animation mani-

-Choice 36c, fair 28c, low 25c; unwashedn the United States this year at 11.169.683 Medium 20@20\c. fair do 18 1.2@19c. clear at 16@19c, uara and 15@16c, light fine at 14@ prices: 71 and 57 dd by a wagon receipts fair in amount and steady—mainly at 65c to 70c. OLD POTATOES—Neglected. Nominal at 62 less. Sales: Kansas—i sks at 10c, 13 heavy fine sks. Sales: Kansas—i sks. Sales: Kansa

all classes of buyers.

A Montana exchange says the season's branding, contrary to the expectations of every one, is proving light. The north side of the river has not turned out as many calves this season as last. The cause is not turned out as many and the river has not turned out

sows and stags draws near, interest in the subject becomes more and more intense. It now appears to be plain that the final result of the controversy between the commission men and the packers will be that the objectionable animals will be "thrown out" and soid separately. The Commission men are pledged not to submit to any intension men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension men are pledged not to submit to any intension men are pledged not to submit to any intension. The commission men are pledged not to submit to any intension men are pledged not to submit to any intension. The commission men are presented and any intension men are presented and any intension men are presented and any intension men are presented any intension men ar

week, 166,524 bus. Withdrawn 13,389 bus. Futures were dull and uninteresting, as little speculative interest was excited, and no disposition to trade. At the close a rush to sell broke prices, and they declined 4@14c. July selling at 26% down to 26%. August 24% to 24.
June had 27 bid. Cash No. 2 dropped 1%c, the decline in futures helping to weaken the already depressed market. Sales at 281/281/4, rejected sold at 27 regular.

### GENERAL MARKET.

HAY-Offerings large of all descriptions;

shippers and local butchers, but very scarce.
And these buyers were compelled much against their will, to fill their orders with range cattle. The bulk of native sales were at \$5666 40, while Texas and Indians were at \$45064 90, and as high as 5c, an advance of at a \$45064 90, and as high as 5c, an advance of at \$45064 90, and as high as 5c, an advance

ELGIN III June 30 -The butter market was rapidly at strong but unchanged rates. The supply was moderate and of a generally poor quality, but notwiths and ling this fact, everything sold, local dealers and dressed beef slaughterers taking all that was offered and trade sales of 82.733 pounds were reported at was the prevailing price. On the board of trade sales of \$2,733 pounds were reported at 10 to 20 cents; the latter was paid for one fancy lot. Seven thousand four hundred and eighteen boxes of cheese were reported sold at 3% to 4 cents for skims, and 7% to 9 cents

CHEESE-Dull. Skim almost unsalable We quote, nominally: Full cream at 7c for fair to 9c for choice, prime part skim at 5c; poorer grades at 1c to 3c.

EGGS—Receipts (48 hours) 508 pkgs. Dull; light sales strictly fresh at 10@10%c.

LIVE POULTRY—Offerings light; fair in-quiry for choice chickens, either young or old, at steady prices; mall spring not wanted. We quote: Old chickens-Cocks \$2 50, mixed \$2 75@3, hens \$3 25@3 50; spring—small \$1@1 25, medium \$1 25@2, good to choice \$2 25@2 50 to \$3. Other poultry entirely nominal.

VEALS .- We quote: Choice live 7%c # 1.

fair to good do6%@7c, heretics 4@5c LAMBS—Dull at range of \$1 to \$2 50 \( \psi\) head. GRASS SEEDS—Dead flat, if we may except the filling of a few orders for Hungarian and millets. Price nominal from first hands, as while packing brought \$5@5 20, and butchers follows: Prime to strictly prime German 30, pigs unchanged. On Friday the millet 50@55c, poorer do 25c for low to 40c for fair; Huugarian at 40c to 50c; common millet at 35c to 45c; timothy at \$1 15 to \$1 30; red top

DRIED FRUIT-A small lot new (?) apples

light at \$4 85@5 10 while the few heavies sold 6@6%c, evaporated at 6%c to 9c; peaches brought-\$5 15@5 25. Saturday a change for mixed and small halves at 5½@5½c, prime the better took place and more strength was developed, sales being made at \$5@5 18 for less. Sale: 10 pkgs—peaches at 6c and apples

10, while heavies were active at \$5 25@5 40, and pigs steady at \$4 50@4 75. Stronger and very active on this the losing day of the week; shippers buy-

box and 75c@\$1 \(\psi\$ case; green or overripe less.\)

NEW APPLES—Steady; choice large in fair request. We quote: early harvest at 25@35c, red astrakan and red June at 40@50c # 16-bu box: barreled quotable at \$1 50 to \$3, acc

ing to quality.

RASPBERRIES—Lower; offerings heavy of nearby growth, but market partially relieved by the operations of preserving companies who bought freely at inside quotations. Sales of black at range of \$1 20 to \$1 60 \$4^{\circ}\$ cms drawer, and red \$1.75 to \$2 50 \$6^{\circ}\$ cgal. case latter for choice home-grown.

PEARS-Scarce: no choice offered. We ote the range at 50c to \$1 50 \$7 %-bu box as in quality.

CHERRIES—Choice Northern quotable at

\$2 25 \$ 6 gal case. WATERMELONS-None on market. Quota ble at range of \$20 to \$35 \$7 100, according to

size.

BLACKBERRIES-Weaker; more plentiful. Consigned lots will sell at \$1@1 50, and cultivated at 2@2 25 ₩ 6-gal case; home-grown 40 a50c ♥ gal. WHORTLEBERRIES—In light supply. Sold

at \$2 50 \$6 6-gal case for choice Arkansas.

GOOSEBERRIES—In fair request at \$1 75 \$\psi\$

CURRANTS-Northern Illinois in 4-gal cases selling at \$1 50@1 75; home-grown at 40@45c

NEW POTATOES-Only a few consigned

kind offering. Sale 70 sks at 60c.
TOMATOES.-In heavy receipt, weak and

tending lower: much arriving in damaged condition -- especially stock from Alabama. Sales of Alabama at 10c to 50c W 1/2 bu box Mississippi at 40@70c: Arkansus at 50@75c; green or damaged stock dead dull. CABBAGE—Steady at \$1.75 # crate for home-

grown on orders. EGG PLANT-Dull at 25@75c & dozen, TURNIPS—Home-grown sell on orders at 🕸

\[
\psi\] bbl.
\[
\text{SQUASH-Dull at \$\\$1.50 \psi\] bbl.
\[
\text{FLAXSEED-Spot seed nominal; none offering nor any demand; oil mills about all shut down. August delivery had \$\\$1.25 \text{bid}\].
\[
\text{CASTOR BEANS—Steady at \$\\$2.25 \text{ for prime.}
\]

WHITE BEANS-In fair request; Eastern firm, jobbing from store at \$2 45@2 55 for medium to \$2 55@2 65 for navy; country quiet at from \$1 for low to \$1 75@2 for prime.

Prices of Prepared Seeds supplied by Chas. St. Louis, June 30, 1884.

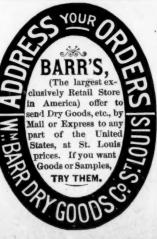
	Net cash prices.	Cash with order.	
1	Red Clover	.60 lbs \$ 5 40	
	Sapling "	.60 " 6 00	
	Alfalfa "		1
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	Alsike "		
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	Buckwheat		
	Barley	.48 " 75	
	St. Charles White Corn	.56 "	
1	Galena Yellow "	.56 "	
ı	Pop "		
1	Red Rust-proof Oats	.32 4 50	ŝ
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imple. Safe and Sure Med cines for the	ne oni
IST PRINCIPAL NOS. CURES.	PRICE
Farmer Congestion Inflamations	9
Fovers, Congestion, Inflamations Worms, Worm Fever, Worm Colic. Crying Colic, or Teething of Infan Diarrhea of Children or Adults Dysentary, Griping, Billious Colic,	
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Bysentary, Oriping, Billions Conc.	. 2
6. Cholera Morbus, Vomiting,	2
7. Coughs, Cold, Bronchitis, S. Neuralgia, Toothache, Faceache, B. Headaches, Sick Headaches, Verti	2
Headaches, Sick Headaches, Vertig	20 9
O. Dyspepsia, Billious Stomach	9
O. Dyspepsia, Billious Stomach, 1. Suppressed or Painful Periods,	
2. Whites, too Profuse Periods,	.0
4. Sait Rheum, Erysipelas, Eruption	9
5. Rheumatism, Rheumatle Pains	2
6. Feyer and Ague, Chill, Fever, Agu	es .5
9. Catarrh, acute or chronic; Influen	za 5
0. Whooping Cough, violent coughs	5
4. General Debility, Physical Weak	ness.5
O. Urinary Weakness, Wetting the	1.0
O. Heinary Weakness, Wetting the	ned .5
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cacy as the best blood afteractive known to medical science.

SARSAPARILLA (extracted from genuine Honduras Sarsaparilla) is its base, and its powers are enhanced by the extracts of Yellow Dock and Stilingia, the Iodides of Potassium and Iron, and other potent ingredients.

IS your blood vitiated by derangements of the digestive and assimilatory functions? is it tainted by Scrofula? or does it contain the polson of Mercury or Contagious Disease?

THE leading physicians of the United States, who know the composition of Ayen's Sarsaparilla, say that nothing else so good for the purification of the blood is within the range of pharmacy.

pharmacy.

ONLY by the use of this remedy is it possible for a person who has corrupted blood to attain sound health and prevent transmission of the destructive taint to posterity.

THOROUGHLY of the system must include not only the removal of corruption from the blood, but its enrichment and the strengthening of the vital organs.

RELIABLE witnesses, all over the work is better accomplished by AYER'S SARSAPARILLA than by any other

SARSAPARILLA than by any other remedy.

BLOOD that is corrupted through discussed is made pure, and blood weakened through diminution of the red corpuscles is made strong, by AYER'S SARSAPARILLA.

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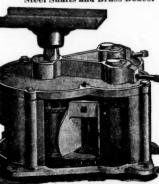
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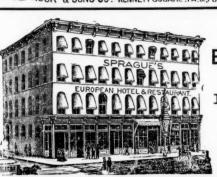
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